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ANNUAL REPORT  
OF THE  
BUREAU OF INDUSTRIES  
FOR THE  
PROVINCE OF ONTARIO  
1917

Part I.—Agricultural Statistics

Part II.—Chattel Mortgages





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36<sup>14</sup> ANNUAL REPORT

OF THE

# Bureau of Industries

FOR THE

PROVINCE OF ONTARIO

1917

PART I.—AGRICULTURAL STATISTICS

PART II.—CHATTEL MORTGAGES

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(PUBLISHED BY THE ONTARIO DEPARTMENT OF AGRICULTURE)

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1918





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*To His Honour* SIR JOHN STRATHEARN HENDRIE, C.V.O., a Lieutenant-Colonel  
in the Militia of Canada, etc., etc., etc.

*Lieutenant-Governor of the Province of Ontario, etc., etc.*

MAY IT PLEASE YOUR HONOUR:

I have the honour to present herewith for your consideration the report of  
the Ontario Bureau of Industries for the year 1917.

Respectfully yours,

WILLIAM H. HEARST,

*Minister of Agriculture.*

TORONTO, 1918.







# Ontario Bureau of Industries

## PART I.—AGRICULTURAL STATISTICS.

### THE WEATHER.

TEMPERATURE.—The following table gives the temperature of the Province for each month during the last five years, together with the mean annual temperature, also the mean temperature for the six months April-September—practically the growing season—together with the average for the five years 1913-17, and the thirty-six years, 1882-1917:

Month.	1917	1916	1915	1914	1913	1913- 1917	1882- 1917
January .....	17.8	24.9	18.7	20.9	26.1	21.7	18.2
February .....	12.3	15.1	22.7	10.7	15.4	15.2	17.0
March .....	29.6	21.6	27.3	27.4	29.0	27.0	26.7
April .....	40.2	43.1	48.6	39.7	44.3	43.2	41.8
May .....	48.2	53.2	50.9	57.0	52.4	52.3	53.6
June .....	60.7	60.1	61.0	63.1	63.2	61.6	63.3
July .....	69.5	74.0	66.9	67.5	68.1	69.2	68.2
August .....	66.4	70.1	64.2	65.9	66.4	66.6	65.5
September .....	57.3	59.5	61.5	58.8	57.8	59.0	59.2
October .....	42.5	47.4	50.0	50.8	49.4	48.0	47.2
November .....	32.0	34.9	39.1	34.5	40.3	36.2	35.2
December .....	14.8	22.1	23.9	21.3	29.3	22.3	23.4
Annual mean .....	40.9	43.8	44.6	43.1	45.1	43.5	43.3
Mean for 6 months, April to September.....	57.1	60.0	58.8	58.7	58.7	58.6	58.6

The mean temperature for 1917 was 40.9 degrees, being 2.9 degrees lower than the preceding year, and 2.4 degrees lower than the normal for the thirty-six years, 1882-1917.

The mean temperature for the six months, April-September, was 2.9 degrees lower than the preceding year, and 1.5 degrees below the thirty-six year normal. March, July and August were the only months above average, with March the highest with a departure of 2.9 degrees; all the others were below, ranging from 0.4 degrees in January to 8.6 degrees in December.



SUNSHINE.—In the following table the averages of sunshine are as usual, derived from the records of the weather stations at Woodstock, Toronto, Lindsay, Kingston and Ottawa:

Month.	Sun above horizon.	1917	1916	1915	1914	1913	1913- 1917	1882- 1917
	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January .....	285.7	73.9	71.8	73.1	66.0	61.3	69.2	74.9
February .....	291.4	121.9	96.6	92.7	148.8	111.8	114.4	104.6
March .....	369.9	154.3	158.4	197.0	128.9	106.7	149.1	144.9
April .....	406.4	157.7	154.1	186.9	137.6	207.5	168.7	182.5
May .....	461.1	183.4	206.7	222.4	263.0	241.4	223.4	210.5
June .....	465.7	205.3	192.0	267.4	262.1	315.5	248.5	245.5
July .....	470.9	240.7	309.8	236.1	266.0	297.5	270.0	267.2
August .....	434.5	233.0	275.1	194.4	223.7	257.6	236.7	240.0
September .....	376.3	197.7	167.6	195.3	210.8	213.4	197.0	186.3
October .....	340.2	91.4	154.9	146.9	137.5	121.4	130.4	138.6
November .....	286.9	115.6	101.7	92.6	83.9	95.1	97.8	80.5
December .....	274.3	98.4	72.8	64.3	66.1	78.6	76.0	62.1
Total for the year..	4,463.3	1,873.3	1,961.5	1,969.1	1,994.4	2,107.8	1,981.2	1,937.6
Total for six months, April to September.	2,614.9	1,217.8	1,305.3	1,302.5	1,363.2	1,532.9	1,344.3	1,332.0

The year 1917 had 1,873.3 hours of sunshine, or 64.3 hours less than the average for the last thirty-six years. The six growing months, April-September, had 1,217.8 hours of sunshine or 14.2 hours less than the thirty-six year normal. Five months were in excess of their average, December being greatest with 36.3 hours, while of the seven months which were below October was 47.2 hours less than normal.

PRECIPITATION.—The fall of both rain and snow for the five winter months, including November, 1916, and March, 1917, is given in the following table for five years, together with the average for the thirty-six years, 1882-1917. One inch of water is equivalent to ten inches of snow:

Months.	1917	1916	1915	1914	1913	1913- 1917	1882- 1917
November:	in.	in.	in.	in.	in.	in.	in.
Rain .....	1.49	1.92	1.81	2.78	2.66	2.13	2.01
Snow .....	6.8	4.3	7.7	3.8	7.4	6.0	7.4
December:							
Rain .....	0.85	0.69	0.43	0.23	1.18	0.68	1.15
Snow .....	16.6	18.8	17.2	6.8	11.2	14.1	15.2
January:							
Rain .....	0.66	2.26	0.90	0.56	2.45	1.37	1.01
Snow .....	20.3	14.9	16.3	21.5	13.6	17.3	19.3
February:							
Rain .....	0.35	0.07	1.29	0.24	0.31	0.45	0.77
Snow .....	14.0	19.4	10.7	12.1	13.2	13.9	16.0
March:							
Rain .....	1.12	0.57	0.18	0.88	2.82	1.11	1.16
Snow .....	14.8	17.9	5.1	11.2	13.8	12.6	10.8
Five months:							
Rain .....	4.47	5.51	4.61	4.69	9.42	5.74	6.10
Snow .....	72.5	75.3	57.0	55.4	59.2	63.9	68.7



The total amount of rainfall for the five months, November-March, was 4.47 inches, or 1.63 inches below the average for the thirty-six years, 1882-1917.

The total amount of snowfall was 72.5 inches, or 3.8 inches above the average. December, January and March were in excess with 1.4, 1.0 and 4.0 inches respectively, while November and February were below with 0.6 and 2.0 inches.

The six months, April-September, however, comprise what is regarded as the growing season for most crops, and the following table gives the rainfall of these months for the last five years, 1913-1917, and for the thirty-six years, 1882-1917:

Months.	1917	1916	1915	1914	1913	1913- 1917	1882- 1917
	in.	in.	in.	in.	in.	in.	in.
April.....	2.23	2.64	1.15	1.93	2.77	2.14	1.79
May.....	2.42	4.51	2.18	1.99	1.93	2.61	2.84
June.....	3.79	3.78	3.06	2.39	1.77	2.96	2.78
July.....	3.49	1.53	3.86	1.41	2.46	2.55	2.80
August.....	2.83	1.99	5.54	3.81	3.43	3.52	2.68
September.....	1.40	2.75	3.39	2.28	1.64	2.29	2.58
Total for six months.....	16.16	17.20	19.18	13.81	14.00	16.07	15.47

The rainfall for the six months, April-September, comprising the growing season, was 16.16 inches, or 1.04 inches less than the previous year, and in comparison with the normal for the thirty-six-year period was 0.69 inches in excess. May and September were below, having a deficiency of 0.42 and 1.18 inches respectively, while the others ranged from 0.15 to 1.01 inches above their respective normals.

### VEGETATION AND SPRING SOWING.

Growth in field, forest and orchard according to the May bulletin, appeared to be about a fortnight behind. "It is many years since cattle were so late in getting on pasture," was the remark of several correspondents in various sections of the Province.

**SPRING SOWING.**—Seeding of spring grains was practically completed by the end of May. As the ground had been in fine condition to receive the seed, the catch was on the whole an excellent one, although a few complained that germination was slow on account of the cool weather since sowing.

The bulletin further said: "There will likely be an increased area of spring wheat, oats and barley. What are known as the planting crops, such as beans, corn, and potatoes, are now being rushed in, as are also roots. A considerable area of corn and early potatoes are already in, notwithstanding the backward season. Should favorable weather ensue, the acreage of most of the spring crops will probably be the largest for a number of years."

## STATISTICS OF FIELD CROPS.

The following table gives the acreage, production, and market value of the field crops of Ontario for the year 1917. Detailed tables showing the statistics by counties will be found elsewhere in this report.

Crops.	Acres.	Bushels.	Bushels per acre.	Market Value.	
				Total.	Per acre
				\$	\$ c.
Fall Wheat .....	585,946	13,384,207	22.8	28,078,738	47.92
Spring Wheat .....	182,957	3,679,516	20.1	7,716,693	42.18
Barley .....	551,298	18,387,741	33.4	23,118,166	41.93
Oats .....	2,763,355	111,232,817	40.3	86,640,057	31.35
Peas .....	90,322	1,512,567	16.7	4,855,888	53.76
Beans .....	110,680	1,078,510	9.7	7,446,626	67.28
Rye .....	133,077	2,222,325	16.7	3,614,591	27.16
Buckwheat .....	153,457	2,992,391	19.5	4,278,256	27.88
Corn (for husking) .....	258,935	11,513,512	44.5	14,278,407	55.14
Potatoes .....	146,481	18,291,735	124.9	22,530,291	153.81
Carrots .....	2,920	758,292	260	151,658	51.94
Mangels .....	49,148	19,492,626	397	3,898,525	79.32
Turnips .....	93,034	39,989,556	430	7,997,911	85.97
Sugar Beets .....	22,039	6,781,113	308	1,356,223	61.54
Mixed Grains .....	515,593	20,102,421	39.0	20,876,501	40.49
		tons	tons		
Corn (for silo) .....	511,329	4,587,176	8.97	18,348,704	35.88
* Hay and Clover .....	3,547,688	6,619,296	1.87	78,166,203	22.03
Totals .....					
1917 .....	9,718,259	.....	.....	333,353,438	34.30
1916 .....	9,548,876	.....	.....	223,748,948	23.43
1915 .....	9,762,951	.....	.....	210,674,415	21.58
1914 .....	9,621,444	.....	.....	199,152,945	20.70
1913 .....	9,541,537	.....	.....	168,455,253	17.65
1912 .....	9,574,474	.....	.....	185,790,341	19.40
1911 .....	9,718,741	.....	.....	179,974,358	18.52
1910 .....	9,725,684	.....	.....	175,115,742	18.01
1909 .....	9,578,323	.....	.....	167,966,577	17.54

\* Including Alfalfa.

The acreages devoted to the other crops in 1917 were as follows: Orchards, 280,326; small fruits, 21,964; vineyards, 9,882; garden, 58,297; rape, 37,732; flax, 7,372; hops, 231; tobacco, 5,242; (Essex, 3,690; Kent, 914); summer fallow, 232,679; pasture (cleared), 3,509,945.

## THE GRAIN CROPS.

FALL WHEAT.—The bulletin issued in November, 1916, had the following regarding the new crop of winter wheat: "Owing to the drought in August most of the new fall wheat was put in later than usual. The seed-bed in most cases was very dry and hard, and in many instances germination was slow and uneven. Owing to so much late sowing the young fall wheat fields have not had so large a top as usual, although late rains have brought the crop forward more encouragingly. On account of the late harvest, and the rush of farm work generally, because of the lack of labor, the acreage sown is about one-fifth less than that of 1915. Very little injury was reported from the Hessian fly or other insects."



The condition of the crop in April was thus described: "The acreage of fall wheat will be less than that of a year ago by about twenty per cent. The dry, hot summer and early fall rendered the ground too hard for a good seed-bed, and as a consequence much of the sowing was done late, while some land intended for the crop was reserved for barley or other spring grains. Most of the fields were able to show only a small top for their fall growth, but the steady covering of snow extending from December until well into March gave almost perfect protection to the young wheat, and the crop met the first of April in practically the same condition as it entered the winter. When correspondents reported—from April 9th to the 12th—cold nights and sunny days were causing alternating freezing and thawing upon practically bare fields, and the crop was suffering somewhat from 'heaving.' The extent of injury from this so far is not serious, but the actual prospects of the crop cannot be fairly estimated until the young plants get their spring start. Some of the fields were said to be looking rather brown when correspondents wrote, yet life and vigor appeared to be left, which growing weather would carry along. The later sown fields as a rule looked the more patchy, especially where there was little or no drainage."

The May bulletin had the following regarding the crop: "In addition to the freezings and thawings which were so common during March and April, and which caused much heaving of fall wheat, frequent cold winds during that period also told against the crop reaching its best condition. As a result, portions of many fields have been turned under, or were patched with oats, barley, or millet for feeding purposes. Timely rains had fallen as correspondents were reporting, and the warm weather following had revived the fields to such an extent that growers were feeling much more encouraged."

August reports were to the effect that fall wheat would be about an average in yield per acre, although individual yields ranged from 12 to 45 bushels. Injury from midge had been reported from Haldimand, Welland, Lincoln and some adjoining counties, although not to a serious extent. A little rust also had been complained of in various parts of the Province. Harvesting began about July 20th, and was completed in most quarters by the 10th of August. The weather was ideal for cutting and getting in the crop.

The November bulletin remarked: "The yield of fall wheat is practically an average one. The general quality is also up to the standard, notwithstanding the unusually hot weather that hastened harvesting. Complaints were made of rust and smut, but not to a serious extent."

**THE NEW FALL WHEAT.**—With the prolongation of the war the production of wheat increases in importance. The November bulletin said: "It was the expressed intention of many farmers that the area of fall wheat would be enlarged this season, but the very dry condition of the soil at sowing time, the lateness of the harvest, the press of other work, and the scarcity of field help hindered progress in this particular line, and the indications are that the acreage of new wheat now in the ground will be practically the same as that of last fall. While most of the crop was got in during the last three weeks of September, a considerable portion had to be sown during October—some of it very late in that month—and this, with the slow growth generally owing to the cold, raw weather of October, has resulted in many of the fields having only a small top with which to enter the winter. Several correspondents, however, point out that though small in the blade the plant is vigorous, especially where got in on well prepared land. Comparatively little complaint has been made of injury by insects. Dawson's Golden Chaff still leads all other varieties in popularity."

**SPRING WHEAT.**—This crop is not now largely raised in the Province, but, according to the August reports, the yield promised to be better than usual, while the straw also showed an improvement in length compared with that of recent years. Cutting began on August 8th, and was proceeding as correspondents wrote.

The November bulletin stated that the acreage of spring wheat was much less than that of fall wheat, but that it also has done well both as to yield and quality. A Huron correspondent spoke well of the Marquis variety.

**BARLEY.**—"The barley harvest this season," said the August bulletin, "is one of the most satisfactory ever reaped in the Province. The yield per acre runs high, while the straw is long and clean. Odd mention only is made of smut or rust. Some fear, however, that a portion of the crop ripened too rapidly during the hot, dry spell. Harvesting began about the 2nd of August, and was not completed when correspondents reported."

November returns were to the effect that notwithstanding the drouth and extreme heat attending the ripening and harvesting of barley the crop had turned out first-class in yield and general quality, taking the Province over. As in the case of all the cereals, the straw was of good length and general color.

**OATS.**—This very important crop was thus dealt with in the August bulletin: "Oats promise to exceed even barley as being the bumper grain crop of the year. The average and total yields will likely be the largest on record for Ontario. Individual yields run as high as 60, 70 and even 80 bushels an acre. The straw is of unusual length, and on the whole clean, although here and there complaints are made of rust and smut. While a few early fields were cut by the middle of August, the bulk of the crop has yet to be harvested, and fears are expressed that with the full heads of grain and the great length of straw there will be danger of 'lodging' should heavy rains occur before the fields are cut."

Following is a summary of the November reports: "While the average yield is one of the largest on record, reports vary more regarding oats than in the case of the other leading grains. Early sown fields did much better than those got in later, some of which were caught by wet weather and frost while in the shock, as lack of labor prevented quick harvesting. The weight per measured bushel varies from good to light. A few complaints were made of smut and rust in late oats."

**RYE.**—"There is only a small acreage of this crop grown for grain," said the August bulletin, "and on the whole it has done fairly—about on all fours with fall wheat."

The November reports were thus summarized: "This crop may be described as fully up to the average in both yield and quality. It is not now largely grown for grain."

**PEAS.**—According to the August bulletin, peas gave promise of an unusually good yield up to the last week or two of July, but the torrid weather which then prevailed shortened blossoming, and also checked growth where the pods were filling. Green peas grown for the canneries had done relatively better than the common field crop.

"Peas are perhaps the most uneven crop of any grown this season," said the November bulletin. "They have been variously reported as fair, poor and good, but the yield per acre for the province will be practically an average, and well ahead of the results of the two years immediately preceding. The general



quality may be classed as fair. Odd mention only was made of the presence of the weevil."

**BUCKWHEAT.**—The greater part of this crop was sown late, and much of it was hit by frost while standing, or while lying in the field cut, and suffered more or less in quality. Very little had been threshed as correspondents wrote about the beginning of November.

**BEANS.**—August reports regarding beans varied greatly, ranging all the way from poor to good. The early part of the season was too cold and rainy for the crop, both for planting and growth, and the drouth following was very trying to late fields. The acreage had been largely increased, many farmers trying beans as a field crop for the first time.

The November bulletin said: "While some have had good returns from beans, there has been small encouragement for others who this year extended their acreage of this crop. Planting as a rule was unusually late, owing to heavy rains in May and June, and at podding time there was a period of drouth accompanied by great heat. Later on the late fields were caught by frost. As a result the yield and quality, except in special cases, are not up to the average. Complaints were made in a few quarters of injury to beans by the corn seed maggot."

**CORN.**—This crop was put in late generally, owing to the wet weather prevailing at that period. The cold and wet which continued after planting also kept back growth, and when the very warm weather came about the middle of July, the general appearance of the fields were about three weeks behind the normal. Since then, however, the crop came along in a much more promising way, and (especially silo corn) was expected to give a three-fourths yield should it escape frost. When correspondents wrote in August the chances were that some of the fields would fail to mature owing to late planting.

November returns were not encouraging. The season was a poor one for corn, which, like most other spring crops, was very late in planting. Although it made good growth in the latter part of the season, much of it was touched by early frost, and complaints of imperfect cobbing and failure to mature were common. As a consequence there will be considerable soft corn, and there is some anxiety as to the general quality of next year's seed. The scarcity of farm help also delayed the cutting of the crop and the putting of it into the barn or silo, which work was greatly hindered by the bad weather then prevailing.

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### HAY AND CLOVER.

The April bulletin, speaking of the prospects for clover, said: "This crop, like fall wheat, went through the winter well protected by snow, and came out in the spring in most promising condition. Since the snow disappeared, however, there has been some heaving experienced, but it is too early to judge of its effects. With a favorable spring start the crop ought to be well up to the standard in most localities."

May conditions were thus described in the bulletin issued in that month: "Cold spring weather stunted growth, but the plants are thick, and some correspondents predict a fair crop should favorable weather prevail. Old meadows, which yielded so generously last year, are now in poor condition, but the newer seeding is promising."

The August reports were most encouraging. The bulletin then issued stated: "On the whole hay will rank as an excellent crop, both as to yield and quality. Frequent rains in May and June redeemed many of the clover fields, which had come through the cold, raw early spring stunted in growth and not very promising in appearance. Early cut hay was caught by the rain and injured by exposure in the fields, but the bulk of the crop was harvested under the very best conditions, the curing in most cases being almost perfect. Owing to the hot and dry weather of the latter half of July hastening the ripening of grain, and the scarcity of farm help, some hay lay in coils in the fields, and some was still uncut as correspondents wrote. The second growths of red clover and alsike are said to give good promise of seed. Mowing began on the 10th of July, but owing to the frequent rains the bulk of the crop was cut between July 20th and August 10th."

**CLOVER SEED.**—Fall reports concerning the prospects for clover seed were not favorable in the main. The crop at one time promised well for seed, but rains delayed cutting, and early frosts did so much injury to the heads that many fields were put to pasture. New sowing of clover is doing well. Alsike is reported as being from fair to good, both for seed and general purposes.

**ALFALFA.**—This crop wintered better than red clover this year. While some of the reports concerning alfalfa place it as a doubtful crop on account of its tendency to run out early from winter-killing and other causes, the great weight of opinion is favorable toward it as a superior feed for live stock, more especially for dairy cattle.

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## FIELD ROOTS.

**POTATOES.**—Judging by the August returns early potatoes had done well, but late varieties were not so promising. Blight had appeared in many localities, but happily it had not made the progress that was feared a few weeks before. The fields as a rule were then looking well, but rain was needed, as the land was very dry.

The November bulletin said: "Potatoes are regarded as a fair crop generally. Except on low soils there has been no marked tendency to rot, and the general quality is good. Owing to rain and the scarcity of farm hands some of the crop remained undug when correspondents reported, and odd reports speak of injury from frost on this account."

**ROOTS.**—"But for the shortage of help roots would rank among the most promising of field crops," ran the August bulletin. "As it is there are too many weedy fields. Turnips are doing better relatively than mangels, although all classes of roots are beginning to show the effects of the recent very hot and dry weather."

The November bulletin had the following to say regarding the various kinds of roots:

**TURNIPS.**—This class of roots, generally speaking, will be a satisfactory crop. Although not as a rule large in size, owing to late planting, they are fairly uniform in shape, and of good general appearance. In a few counties the Zebra caterpillar attacked turnip fields and did injury, but the damage was more or less local. About one-third of the crop remained to be pulled on the first of November.



MANGELS.—Only fair in size, but good in quality and yield, is a fair summary of the reports regarding mangels. They are practically all housed.

SUGAR BEETS.—Early sugar beets did well, but those planted late did not give the same satisfaction.

CARROTS.—Very few correspondents had anything to say about field carrots, but that little was favorable.

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### MISCELLANEOUS.

TOBACCO.—This crop, most of which is grown in the county of Kent, was not in a satisfactory condition when correspondents reported in August. Owing to frequent rains at the time of planting the fields had to be set unusually late, and the wet, cool weather which continued for some time gave the plants a poor start. The prospects then were for a light to medium yield, although a few good fields were reported.

The November bulletin said: "The acreage of tobacco is comparatively small this year. Early planted was a fair crop, but that grown later did not do well, and some of it was caught by frost. On account of the comparatively cold weather the leaf has been drying rather slowly."

THRESHING AND MARKETING.—The following appeared in the November bulletin: "Owing to the delayed harvest and the comparatively large yield of grain, threshing has been going on much later than usual. While most farmers are through, about 25 per cent. of the grain remains to be threshed, and the work will run into December in many localities. Considerable threshing had to be done in the fields on account of the scarcity of labor. Marketing has not been rushed, many preferring to feed the bulk of the grain to their live stock and thus 'sell on foot.' The urgency of other fall work also has kept many farmers from going to market."

FALL PLOWING.—This important item of farm work was much delayed by late harvesting and threshing, wet and cold weather in October, urgent need of silo filling on account of frosts, and the great lack of help. As a consequence the work was not more than half done at the beginning of November, although some individuals had finished, and it was then thought that unless a good deal of open weather occurred the desired acreage of fall plowing would not be completed. Tractors had helped out well, especially on sod, but owing to so much rain in the early part of the fall it was exceedingly hard at times to work the machines. or the horse plows, on stubble.

FARM IMPROVEMENTS.—The rainy weather of the spring and fall, together with the scarcity and high price of tile and the lack of labor, greatly handicapped the progress of underdraining. Nevertheless, a fair amount was done, especially in some of the Lake Erie and adjoining counties. A correspondent in Essex states that forty-seven ditching machines were at work in that county. There has been less building or renovation of houses and barns than in more recent years, on account of the shortage of material and of skilled labor. The increased cost of wire, and the lack of help, also restricted the extent of fencing done.

## ORCHARDS AND SMALL FRUITS.

The April bulletin said: "There has been some injury to buds and new wood of peaches, but the effects of the freezing back may not be serious. Otherwise orchard trees are said to be in good condition generally, although some young fruit trees (more especially in the Lake Ontario and St. Lawrence and Ottawa countries) were more or less girdled by mice and rabbits, as is usually the case when the snow lies long and deep. Strawberry fields came through the winter in good shape—or as well as they entered it—but where not mulched have suffered more or less from being heaved by the alternating frosts and thaws of the first week or so of April. Grapevines are said to have been cut back by the severe weather in some districts, but they generally can stand a little of nature's pruning."

"Orchard trees are only beginning to bloom, perhaps two weeks later than ordinarily," said the May bulletin. "Several correspondents point out that this may enable the fruit to escape late frosts. Apples are not blossoming freely, but cherries, plums and pears give promise of good yields. Some peach buds were frozen in the latter part of the winter, but the bulk of the crop was not seriously hurt, and most growers will have fair yields. Small fruits give promise of good returns should they escape frost."

According to the August returns a good deal of spraying had been done, but its effects were more or less neutralized by the rainy weather which was so general in May and June. Apples set poorly, and the summer drop was quite pronounced, the result being that only a very light yield was expected. "Here and there," said the August bulletin, "of course, individual growers will have a much better experience. Plums and pears have done a little better than apples. Peaches will be from light to medium in yield. Cherries, especially the sour varieties, yielded well, but suffered considerably from the fruit fly. Grapes promise well, but are late in growth. Strawberries gave promise of immense yields, but much of the choicest fruit rotted just at picking time on account of the prolonged cold and wet early summer. Raspberries bore heavily, but were somewhat checked by the heated term late in July and early in August."

Fall conditions were thus expressed in the November bulletin: "While some orchards were said to be dying from neglect, it is also claimed that much more intelligent care is now being taken of the trees, generally speaking. There has been a very light yield of apples, especially of the more valuable later varieties. There also appears to be more attention than formerly paid to the matter of grading and packing, and the box is used more as a package. Pears did not give a large yield, although they did better relatively than apples. There was a good supply of peaches in the Niagara district, but some of the later varieties had difficulty in developing into best quality, as the season was unusually late, and some of the early fall weather was rather cold. Plums were fair in yield, where well sprayed for the curculio. Cherries, though attacked by the fruit fly, also did fairly well. Grapes, usually a most satisfactory crop, did not do so well, as owing to the early cold weather most of the fruit had to be picked to escape frost, and before much of it had been sweetened by ripening. Bush fruits as a rule gave very fair yields."

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## LIVE STOCK AND THE DAIRY.

It required good judgment to carry live stock through the winter economically and in good condition; for while there was an abundance of hay, the other fodders, such as grain, corn, straw and roots, were very light, and mill-feeds and other concentrates were never higher in price.

The April bulletin had the following to say regarding live stock: "There is a surplus of farm horses, which would have been greater but for shipments to the Northwest, chiefly from western Ontario. Horses generally look rather thin, but less disease than usual has been reported among them.

"Fat cattle are scarce, high prices having tempted farmers to part with them sooner than usual. Store cattle are relatively more numerous, but there are not so many as in recent years. All classes of cattle are somewhat leaner than usual, and owners were never more anxious to get them on the grass, as the more succulent feeds, such as roots and silage, are scarce. Cattle practically present a clean bill of health. One serious feature, however, is the fact that too many calves are being slaughtered. One correspondent urges that the Government should prohibit the sale of young animals to the butchers during the war.

"This is a time when the pig is prized. Bacon values never have been so high, and the demand for swine of all ages has never been so strong. Young animals a few weeks old have brought from \$12 to \$15 a pair. The number of swine now on hand is less than in former years, although farmers are trying to get and fit as many as possible. However, the soaring prices of grains, etc., have cut considerably into the profits.

"There appears to be a revival of sheep raising in some quarters, although in many localities this industry is still more or less slighted. The flocks have wintered well, and lambing is reported to be coming on most encouragingly. The dog nuisance is again referred to by several correspondents as a threat to sheep husbandry."

Conditions late in May were thus described in the bulletin then issued: "While healthy, all farm animals are rather thinner in form than is usual at this time of the year. Cattle are largely on the grass, which is rather short yet, and in many cases supplementary feeding is necessary. Butchers' cattle are selling at from 10 to 12 cents a pound. The milk flow is fully up to the average. Cheese factories along the St. Lawrence are slow in selling at 22½ cents a pound. There are plenty of young colts on hand, but there is not a pressing demand for any class of horses at present. Hogs are scarce at from \$16 to \$16.50 a cwt., and too many of them are being turned off light."

August reports were to the following effect: "All classes of live stock are reported to be in good condition. Up to the latter part of July pastures were never better, and the flow of milk had been such as to keep cheese factories, creameries and condenseries working overtime for weeks together. Although the dairy herds have fallen off considerably in milk production, the yield at present is well in quantity for the time of year, and pastures, while showing the effects of the drouth, are in fully average condition. Flies have been very annoying to milking cows, despite ordinary treatment. With plenty of hay, grain and straw, and the likelihood of sufficient corn to fill the silos, the prospects for wintering dairy cattle and other live stock are most encouraging."

DAIRYING.—The November bulletin had the following special reference to the dairy industry: "August and September pastures were never better, and the flow of milk consequently was most gratifying to dairymen. There was much

wet, cold, and generally disagreeable weather in the following month, and the milk yield soon fell to normal, especially as there was a scarcity even of the high-priced mill feeds and other concentrates for supplementary feeding. The dairying business, however, on the whole had a thriving season, every branch endeavoring to get its share of the generous milk production. The introduction of milk condenseries is challenging to some extent the control of the long-established cheese factories and creameries, while the incessant cry from the milk consumers of the cities and towns for "More!" is also increasing competition. Good milch cows are in strong demand at from \$100 to \$130, higher figures being paid for extra good milkers."

The following appeared in the November bulletin: "The general health of live stock is all that could be desired, although many cattle are going off pasture a little lighter than owners would wish. Fewer fat cattle, but a fair number of stockers and butchers' animals are now being marketed. One correspondent bluntly remarks that this winter some cattle will have to 'rough it through,' but others speak of plenty of fodder being on hand for what cattle are kept. There is an abundance of straw for all classes of live stock.

"Hogs are being steadily marketed—'going all the time,' as one report reads. The comparative failure of the corn crop is likely to affect hog raising to some extent, although there will be a large quantity of grain and other fodder to carry a large number of animals along. Prices at present range from \$15 to \$17.50 a cwt. for bacon hogs ready for killing, according to location, quality of the animal, and the offer of the buyer. Small pigs are commanding good figures.

"Sheep are returning to favor. Breeding animals have been well paid for recently by both Canadian and American buyers, and sheep raisers are feeling much encouraged. There is every likelihood of more sheep being kept in the immediate future.

"Horses are not in great demand, but are reported to be in generally fair condition.

"Silos, which are general over the Province, are yearly increasing in favor. The poor crop of corn this year will not affect the popularity of silage as a good feed for cattle and other farm animals. Ontario dairying could not exist to-day without the silo.

**METHODS OF FEEDING.**—Owners of live stock have been feeding very carefully during the winter. Hay, being a bountiful crop, was given more liberally than usual, but other fodders were doled out sparingly. On many farms stockmen seemed content to have their animals just "winter through," somewhat lean in flesh, yet healthy. Corn is still regarded as a leading fodder crop, sometimes being fed shredded, sometimes as stover, but more commonly as silage. Even in such a poor corn season as the present the silo is proving its worth as a winter feed supply, particularly for dairy cattle. A good word is spoken of alfalfa as a nutritive fodder. Both tied and loose systems of feeding are in vogue, each method having its sturdy advocates. A variety of rations are given for carrying live stock over the winter, among which are the following: Cut straw, silage and roots; straw and chaff mixed with chop and roots; silage, hay and a little grain, finishing off on the grass in the spring. Less concentrates than usual were fed owing to their high cost, but considerable low grade western wheat and oats were brought in. In the fall many sheep and cattle were finished on rape.

**FODDER SUPPLIES IN APRIL.**—"With the exception of hay, which has been more or less plentiful in every district, all fodders are scarce," said the April



bulletin: "The grains were light in yield last summer, and high prices tempted too many farmers to part with more than was advisable; consequently stores of these are now small. Owing to the poor corn crop, silos are carrying less than usual at this time of the year, while roots are few, turnips in many cases commanding city food prices. Straw has been comparatively scarce, in most localities selling at nearly the price of hay; consequently horses and cattle as a rule have had to get along with less bedding than was needed. Notwithstanding the close scraping indicated, farmers are most hopeful, and expect to pull through with careful feeding until the new supplies come in."

FODDER SUPPLIES IN MAY.—The bulletin issued late in May had the following: "The backwardness of pastures caused a heavy draw upon fodder supplies during May. The high price of mill feeds also cut greatly into barn stores. Grains and silage were very scarce during the month, and but for the good crop of hay last year the feeding situation in most sections of the Province would have been a most serious one. One correspondent says that some farmers are storing hay for next winter's use. Considerable quantities of Western oats for feeding to live stock have been imported during the past few months."

FODDER SUPPLIES IN NOVEMBER.—The bulletin issued in that month said: "It is many years since there was on hand so generous a winter supply of both grains and general roughage, with the exception of corn which is lower than usual in bin and silo. Much of the corn also is not of good quality. Hay gave an abundant yield, although some of it which could not be got in the barn for lack of room has been injured in the stack by rains and raw fall weather. Farmers are disposing of surplus hay at from \$8 to \$14 a ton, according to manner and place of delivery and quality. All classes of cereals turned out well this season, both as to grain and straw, the latter being on the whole of excellent quality either for feed and bedding. In the language of a correspondent, 'bean stover will not be up to much, a good deal of it being frozen and water-logged.' Hog feed will be scarcer than that for horses and those cattle that are carried over mainly by hay, silage, and such fodders, and prices are high for such extra feeds as may have to be purchased. The value per ton for mill products and other concentrates are given as: Bran, \$35 to \$40; shorts, \$42 to 48; oil cake, \$60; cottonseed meal, \$57. Linseed meal was selling at \$7 a cwt."

POULTRY.—The November bulletin contained the following: "There has been a decrease in the number of all classes of poultry. While this is to be partly attributed to poor hatching in the spring, owing to unfavorable weather conditions, a number of poultrymen are discouraged from increasing their stock of fowl notwithstanding the record prices for eggs, holding that the high cost of feed makes maintenance too expensive for a reasonable profit. Several correspondents, however, place profits on laying hens at about a dollar apiece. The demand for eggs for breeding is also reported to have fallen off considerably. Geese and ducks are reported to have done better relatively than other fowl. Turkeys are considered to be difficult to raise under such seasonal conditions as have prevailed.

STATISTICS OF LIVE STOCK.

STATISTICS.—The following table gives the total numbers and value of the several classes of live stock and poultry on hand July 1st, 1917, together with live stock sold or slaughtered in the year preceding that date:—

Live Stock.	Live stock on hand, July 1, 1917.		Sold or slaughtered in year ending June 30, 1917.	
	No.	Value.	No.	Value.
		\$		\$
Horses (all ages) .....	765,873	99,439,558	83,194	11,442,831
Cattle:—				
Milch cows .....	1,069,338	80,774,341	903,184	52,893,615
Other cattle .....	1,758,271	69,535,487		
Sheep and lambs .....	956,986	9,946,930	463,576	4,240,803
Swine (all ages) .....	1,664,639	21,464,366	2,137,999	41,609,181
Poultry (all kinds) .....	13,606,292	8,517,195	6,806,531	4,554,451
Totals:				
1917 .....		289,676,977		114,740,881
1916 .....		263,869,539		99,159,081
1915 .....		254,982,332		93,762,223
1914 .....		250,870,078		93,017,235
1913 .....		237,591,885		89,651,016
1912 .....		225,848,942		84,982,339

The values for the several classes of poultry on hand July 1st, 1917, were as follows: Turkeys, \$558,699; geese, \$491,860; ducks, \$279,252; other fowls, \$7,187,384.

VALUE PER HEAD.—The following table gives the average value per head of the live stock and poultry for 1917 and 1916 and at five year intervals.

Live Stock.	Live Stock on hand July 1.					Sold or slaughtered in year ending June, 30.				
	1917	1916	1915	1910	1905	1917	1916	1915	1910	1905
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Horses (all ages) .....	130	131	139	128	110	138	137	146	136	119
Cattle:—	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Milch cows .....	75 54	66 35	60 83	40 76	35 06	58 56	53 48	49 90	37 44	36 23
Other cattle .....	39 55	34 91	32 18	22 43	21 29					
Sheep and lambs .....	10 39	8 13	7 05	5 75	4 68	9 15	7 55	6 72	5 36	4 28
Swine (all ages) .....	12 89	10 83	9 93	8 50	6 44	19 46	15 99	14 98	12 49	9 79
Poultry (all kinds) .....	63	55	54	43	34	67	62	62	51	39

LABOR, WAGES AND PRODUCTION.

Labor conditions in April were thus described in the bulletin issued in that month: "Wages for farm help were never so high as at present, as owing to the call of war and the attraction of big pay in munition and other factories, suitable men are now very scarce. For efficient farm hands rates range from \$40 to \$50 a month with board, and occasionally more. The proposal to have men and



boys from the towns and cities assist in agricultural work this summer is welcomed by the majority of correspondents, but others scoff at the idea of having to train helpers in a time of rush. The use of larger machinery and increased horsepower is regarded as one way out of the difficulty, and farm help will be exchanged more than ever. It is also stated that in the fields more female labor than ever before from local families will be utilized to meet the emergency. It is claimed that a census taken in a township in Brant county shows that there is only one man available to work every 85 acres of farm land. Reports from other quarters say that frequently there is only one male worker to every 100, and sometimes 150 acres."

The August bulletin said: "With harvesting about half through, a keen demand for farm laborers is still on. During the past week there has been an improved response from the towns and cities to calls from the farm. Fortunately good harvest weather has helped in the clearing off of the ripening crops. Farmers are exchanging work more largely than ever, and their wives and daughters are helping with the rush in the fields. More milking machines are being installed in the dairy districts, and larger field implements are being purchased. Regarding the use of improved machinery, one Representative stated that he is 'snowed under' by requests for the use of the tractor to get the land ready for the new fall wheat, as a large acreage is now being prepared for that crop. Wages range from \$2 to \$3 a day, with board, really efficient men commanding even more; by the month, from \$30 to \$50 is paid, according to ability. Boys get from \$1 to \$1.50 a day."

"The labor situation increases in difficulty as the war continues," said the November bulletin. "The scarcity of help on the farm, necessarily rendered more acute by the working of the Military Service Act, together with the urgency of greater production on the one hand, and the imperative need of strengthening our forces on the firing line on the other hand, causes much perplexity to even the most patriotic farmers. Some correspondents are almost in despair in coming to a conclusion as to what they should do; but there is a general desire expressed that come what may, those remaining behind will use every endeavor to keep up, and if possible, increase production until the final victory is won by Great Britain and her allies. To this end, also, farmers' wives and daughters in considerable numbers, are assisting in field and other heavy work, and neighboring farmers are exchanging labor as never before. As to the matter of wages, the general opinion seems to be that the present rates, though higher than many can afford to pay, will not likely fall until after the war. Skilled farm laborers have been commanding from \$2.50 to \$4 a day, with board, while some have received as high as \$500 and \$600 a year, with board. Domestic servants on the farm are almost impossible to procure, town and city life proving too alluring."

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## TEMPERATURE OF 1917.

TABLE I.—Showing for each month the highest, lowest, mean daily range and mean temperature at the principal stations in Ontario for 1917; also the annual mean for each station:

Months.	Southampton.	Chatham.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Haileybury.
January:	°	°	°	°	°	°	°	°	°	°
Highest.....	39.9	42.0	40.0	40.0	42.0	40.2	36.6	36.0	34.0	36.0
Lowest.....	- 3.7	- 7.0	-15.0	-15.5	- 7.0	- 9.0	-21.7	-27.0	-20.0	-32.0
Daily range.....	12.4	13.1	16.3	15.5	15.7	14.8	16.9	18.5	17.6	18.7
Monthly mean.....	20.9	21.6	18.9	18.7	22.2	22.6	14.5	15.5	9.9	12.7
February:										
Highest.....	40.2	47.0	45.0	43.5	47.0	45.4	38.6	40.0	41.0	40.0
Lowest.....	-26.1	-16.0	-18.0	-16.5	-11.0	-10.7	-19.6	-32.0	-25.5	-32.0
Daily range.....	10.9	11.9	18.4	15.9	14.0	16.4	21.3	24.8	22.5	25.9
Monthly mean.....	15.7	18.5	15.1	14.0	16.9	17.2	9.1	6.3	6.7	3.7
March:										
Highest.....	63.5	67.0	67.0	64.9	70.0	62.6	62.8	53.0	53.0	52.0
Lowest.....	- 1.2	- 3.0	-10.0	- 3.0	3.0	6.8	- 1.4	- 5.0	- 6.0	-16.0
Daily range.....	16.8	16.0	17.9	16.0	14.1	13.7	17.8	18.2	18.3	20.4
Monthly mean.....	28.5	35.1	32.3	31.1	33.9	32.2	26.8	25.3	25.0	25.5
April:										
Highest.....	72.9	78.0	76.0	74.0	75.0	65.3	70.1	69.0	65.0	64.0
Lowest.....	18.2	23.0	20.0	19.0	24.0	20.4	16.5	12.0	17.5	16.0
Daily range.....	15.1	16.3	19.0	16.9	16.0	15.4	18.9	19.0	15.0	14.6
Monthly mean.....	37.5	43.6	41.3	40.6	41.4	41.1	39.6	38.1	39.5	39.2
May:										
Highest.....	74.0	83.0	80.0	76.6	83.0	77.8	77.4	76.0	80.0	82.0
Lowest.....	26.1	32.0	28.0	29.5	32.0	34.0	30.0	28.0	32.0	31.0
Daily range.....	15.5	19.5	20.3	18.0	17.7	17.2	22.0	22.3	18.5	15.9
Monthly mean.....	44.2	50.6	48.2	47.3	48.9	49.3	48.1	46.8	48.8	50.2
June:										
Highest.....	81.9	86.0	85.0	79.5	84.0	83.2	85.4	81.0	84.0	90.0
Lowest.....	40.1	42.0	38.0	39.0	43.0	40.7	36.0	31.0	38.0	42.0
Daily range.....	19.2	20.5	21.8	17.0	18.9	19.7	22.1	22.6	18.2	16.2
Monthly mean.....	56.8	64.1	61.4	59.3	61.5	60.9	60.0	57.8	62.3	62.8
July:										
Highest.....	93.9	100.0	98.0	92.0	96.0	98.0	95.7	89.0	97.5	94.0
Lowest.....	45.2	50.0	46.0	46.0	49.0	49.0	45.8	45.0	51.0	52.0
Daily range.....	15.3	21.5	22.7	16.9	17.5	19.6	22.0	17.9	18.3	16.2
Monthly mean.....	66.0	72.6	70.4	68.2	70.5	70.5	68.9	66.6	70.0	70.9
August:										
Highest.....	88.4	98.0	95.0	87.3	93.0	92.0	92.5	90.0	97.2	92.0
Lowest.....	42.1	46.0	43.0	43.0	44.0	45.6	35.6	32.0	46.0	44.0
Daily range.....	16.6	22.1	24.2	20.5	18.9	20.0	24.0	21.7	21.4	19.0
Monthly mean.....	64.3	69.7	67.5	64.9	67.7	67.7	65.2	63.0	67.8	66.2
September:										
Highest.....	79.0	84.0	84.0	78.0	81.0	80.8	80.6	75.0	81.0	80.0
Lowest.....	38.6	35.0	32.0	33.5	34.0	36.2	32.0	30.0	32.5	32.0
Daily range.....	17.7	25.2	26.9	21.2	20.7	21.4	26.2	22.9	22.7	20.9
Monthly mean.....	56.9	61.8	57.9	56.0	57.9	58.6	56.2	53.5	57.2	56.7
October:										
Highest.....	67.0	67.0	67.0	65.5	71.0	62.2	64.7	61.0	62.5	58.0
Lowest.....	26.0	26.0	23.0	25.5	27.0	29.0	24.9	21.0	26.0	26.0
Daily range.....	13.3	15.3	18.7	16.0	16.5	15.3	16.8	14.6	14.5	11.6
Monthly mean.....	42.7	44.8	42.7	41.5	44.5	44.6	41.3	40.2	42.8	40.3
November:										
Highest.....	53.3	64.0	58.0	56.6	55.0	54.5	54.5	50.0	52.0	50.0
Lowest.....	8.3	18.0	5.0	8.0	11.0	10.1	- 0.7	- 3.0	- 7.2	- 6.0
Daily range.....	13.4	16.3	17.3	15.5	14.9	14.7	17.0	15.8	14.6	11.9
Monthly mean.....	31.9	36.9	33.0	32.1	34.7	34.5	30.0	28.8	29.3	29.4
December:										
Highest.....	39.4	43.0	41.0	40.0	43.0	41.6	37.8	42.0	40.0	36.0
Lowest.....	-16.8	- 2.0	-11.0	-12.0	- 9.0	-17.0	-33.2	-40.0	-31.0	-38.0
Daily range.....	14.2	11.2	14.5	14.1	13.8	14.2	18.0	19.9	17.9	16.1
Monthly mean.....	17.3	20.5	19.4	17.8	20.9	19.5	11.2	9.5	7.6	4.3
Annual mean.....	40.2	45.0	42.3	40.9	43.4	43.2	39.3	37.6	38.9	38.5

## AVERAGE TEMPERATURE FOR THIRTY-SIX YEARS.

TABLE II.—Showing for each month the monthly average for the highest, lowest, mean daily range and the mean temperature at the principal stations in Ontario, derived from the thirty-six years, 1882-1917; also the annual mean at each station for the same period.

Months.	Southampton.	Chatham.	London.	Woodstock.	Stoney Creek.	Toronto.	Lindsay.	Gravenhurst.	Ottawa.	Haileybury.
January:	°	°	°	°	°	°	°	°	°	°
Highest.....	45.2	46.2	46.8	46.7	50.7	45.7	42.0	41.7	40.4	* 38.4
Lowest.....	- 6.4	- 8.9	-10.1	-11.1	- 4.5	- 7.1	-20.1	-27.3	-21.1	-33.4
Daily range.....	14.6	12.0	15.1	16.3	14.3	14.5	17.6	20.5	17.9	23.7
Monthly mean.....	21.3	21.6	21.7	20.4	25.4	22.4	16.1	14.5	11.4	7.1
February:	°	°	°	°	°	°	°	°	°	°
Highest.....	44.0	46.7	46.0	45.0	47.7	44.5	41.7	42.0	40.2	41.1
Lowest.....	-12.2	-11.0	-11.6	-12.1	- 6.7	- 8.2	-18.6	-27.7	-20.7	-34.5
Daily range.....	16.9	13.8	16.8	17.0	15.4	15.3	19.7	22.3	18.5	23.4
Monthly mean.....	18.7	19.8	19.9	23.8	22.3	20.8	15.1	13.4	12.3	9.4
March:	°	°	°	°	°	°	°	°	°	°
Highest.....	53.9	58.3	58.6	56.4	60.0	56.3	51.7	50.9	48.4	50.9
Lowest.....	- 2.9	- 1.3	- 0.7	- 1.2	5.2	4.0	- 6.5	-13.7	- 8.2	-23.0
Daily range.....	17.0	14.9	17.5	17.3	15.1	14.5	18.4	21.3	17.5	25.3
Monthly mean.....	26.7	29.2	29.3	27.8	32.0	29.5	25.1	23.3	23.9	20.5
April:	°	°	°	°	°	°	°	°	°	°
Highest.....	73.0	76.8	76.5	74.8	77.2	71.2	74.2	71.4	73.3	73.4
Lowest.....	16.4	18.4	18.6	17.4	23.1	21.3	14.2	11.0	15.3	6.7
Daily range.....	17.8	18.1	20.6	20.3	17.4	16.8	21.1	21.1	21.2	24.1
Monthly mean.....	41.5	43.6	43.2	42.9	44.4	42.7	41.6	39.4	41.2	38.7
May:	°	°	°	°	°	°	°	°	°	°
Highest.....	80.1	82.3	82.7	80.7	84.4	79.7	82.3	80.9	82.6	84.0
Lowest.....	28.3	29.2	29.3	29.1	33.2	32.0	28.1	26.7	31.1	24.1
Daily range.....	19.6	20.8	22.7	21.9	20.2	19.1	23.7	23.0	22.1	26.1
Monthly mean.....	51.0	54.9	55.3	53.7	54.9	53.7	53.9	52.1	54.7	51.8
June:	°	°	°	°	°	°	°	°	°	°
Highest.....	85.3	88.1	88.3	86.6	91.2	87.1	88.5	86.7	87.4	89.4
Lowest.....	37.3	37.6	37.7	38.2	41.8	42.2	38.6	35.8	41.6	33.7
Daily range.....	19.9	21.6	23.3	22.9	21.6	20.2	24.7	24.3	21.4	26.8
Monthly mean.....	60.5	64.3	64.6	63.2	65.3	63.8	63.5	62.1	64.5	61.6
July:	°	°	°	°	°	°	°	°	°	°
Highest.....	87.4	92.3	92.3	90.0	95.2	91.4	91.8	89.4	91.1	91.7
Lowest.....	43.8	43.6	43.9	44.3	48.5	48.6	44.2	42.4	48.0	40.8
Daily range.....	20.1	22.0	23.1	23.2	21.6	20.3	24.5	23.3	20.4	25.4
Monthly mean.....	66.5	69.1	69.3	67.7	71.6	69.1	68.0	66.8	68.8	65.7
August:	°	°	°	°	°	°	°	°	°	°
Highest.....	86.2	90.1	90.5	88.5	92.9	88.6	89.9	87.8	88.3	88.2
Lowest.....	41.8	42.4	40.7	41.5	46.0	46.2	40.3	38.3	43.6	37.6
Daily range.....	18.2	21.0	23.6	24.0	21.3	22.2	24.2	23.0	20.4	24.1
Monthly mean.....	64.6	66.8	66.5	64.9	69.2	60.6	65.4	64.2	65.8	62.8
September:	°	°	°	°	°	°	°	°	°	°
Highest.....	84.9	87.0	86.8	85.4	90.0	85.1	85.9	83.6	84.1	83.6
Lowest.....	34.3	34.1	31.8	31.7	36.4	36.5	31.5	30.4	33.4	29.3
Daily range.....	18.3	19.8	22.6	22.3	20.8	18.8	22.9	22.0	21.0	23.1
Monthly mean.....	59.2	61.0	60.6	59.0	62.8	60.3	58.3	57.4	58.1	55.6
October:	°	°	°	°	°	°	°	°	°	°
Highest.....	74.4	75.7	75.9	74.3	77.5	73.3	74.3	72.3	71.2	73.2
Lowest.....	25.6	25.2	23.7	23.6	26.3	26.5	21.5	21.3	24.5	18.1
Daily range.....	16.4	16.6	20.0	19.3	19.0	16.4	19.7	18.9	17.1	19.7
Monthly mean.....	48.0	49.0	48.1	46.9	50.8	48.4	46.2	45.8	45.7	43.4
November:	°	°	°	°	°	°	°	°	°	°
Highest.....	61.2	63.0	62.2	61.4	65.1	60.0	59.2	58.8	57.7	56.0
Lowest.....	14.5	13.9	12.8	11.7	17.3	15.4	6.2	6.8	6.8	-0.2
Daily range.....	13.7	12.3	14.9	15.0	14.3	13.0	15.1	14.8	12.1	14.8
Monthly mean.....	36.6	37.2	36.7	35.6	39.5	37.4	33.7	33.2	32.5	29.5
December:	°	°	°	°	°	°	°	°	°	°
Highest.....	49.2	48.9	52.7	49.0	53.3	48.4	45.2	44.7	42.4	43.9
Lowest.....	0.1	- 0.4	- 2.6	- 3.2	- 1.1	- 1.1	-13.6	-15.2	-15.8	-24.9
Daily range.....	12.7	10.8	13.3	13.9	12.9	12.7	15.8	17.0	15.0	19.3
Monthly mean.....	26.7	26.3	26.1	24.9	28.9	27.2	21.1	20.7	17.4	14.2
Annual mean.....	43.4	45.2	45.1	43.8	47.3	44.7	42.3	41.1	41.4	38.4



## RAIN AND SNOW.

TABLE III.—Summary of the total fall of rain and snow, and the number of days on which rain and snow fell in Ontario during 1917, at stations reporting the whole year, and the average for the province.

Stations	Rain.		Snow.		Stations	Rain.		Snow.	
	Inches	Days	Inches	Days		Inches	Days	Inches	Days
ALGOMA:					MANITOULIN:				
Biscotasing .....	14.47	74	143.9	58	Gore Bay .....	17.74	59	88.9	35
Michipicoten Falls ...	19.58	61	133.7	37	MIDDLESEX:				
Ruel .....	22.83	53	102.0	43	London .....	32.37	119	106.5	55
Steep Hill Falls .....	19.57	91	143.8	82	Lucan .....	21.94	106	101.1	53
BRANT:					Westminster .....	32.27	57	59.0	21
Paris .....	35.44	75	48.3	20	MUSKOKA:				
BRUCE:					Beatrice .....	22.28	74	166.0	50
Lucknow .....	31.41	113	116.4	75	Ronville .....	20.30	67	79.0	32
North Bruce .....	21.59	83	82.9	64	NIPISSING:				
Tobermory .....	20.54	65	90.0	28	Capreol .....	15.81	60	93.2	44
Southampton .....	25.24	99	126.6	89	Madawaska .....	23.91	49	141.6	32
Wiarton .....	23.54	60	176.0	48	Montreal River .....	21.71	53	73.0	30
CARLETON:					North Bay .....	24.38	75	97.4	44
Ottawa .....	22.49	99	127.7	60	Rutherglen .....	23.56	79	108.4	51
DUNDAS:					Sturgeon Falls .....	21.43	73	71.1	32
Morrisburg .....	25.77	84	123.9	47	Wawaitia Falls .....	16.63	74	164.4	90
ELGIN:					NORFOLK:				
Dutton .....	28.36	62	47.6	17	Port Dover .....	40.96	131	106.4	57
Port Stanley .....	29.89	138	72.7	60	NORTHUMBERLAND:				
ESSEX:					Healy Falls .....	20.27	66	93.5	45
Cottam .....	32.83	67	55.3	22	ONTARIO:				
Leamington .....	27.47	82	36.5	12	Uxbridge .....	21.15	84	79.5	34
FRONTENAC:					OXFORD:				
Kingston .....	26.07	114	74.6	58	Woodstock .....	29.85	118	62.5	56
GREY:					PARRY SOUND:				
Eugenia .....	22.91	100	144.5	66	Emsdale .....	22.66	78	110.8	54
Meaford .....	23.38	92	142.5	56	Parry Sound .....	27.52	90	173.9	81
Owen Sound .....	25.00	80	82.9	55	PEEL:				
HALTON:					Alton .....	25.34	96	60.0	42
Georgetown .....	22.17	107	51.0	47	PERTH:				
HASTINGS:					Stratford .....	32.88	116	69.0	31
Queensboro' .....	17.82	80	53.0	13	PETERBOROUGH:				
Trenton .....	27.54	80	79.0	29	Peterborough .....	21.64	90	77.8	37
HURON:					PRESCOTT:				
Clinton .....	34.61	98	50.5	40	Vankleek Hill .....	23.25	48	79.5	31
KENT:					PRINCE EDWARD:				
Chatham .....	22.89	64	58.0	15	Bloomfield .....	20.63	65	92.0	25
Wallaceburg .....	23.89	85	45.0	26	Hillier .....	22.25	60	69.5	18
LANARK:					Picton .....	24.28	73	167.0	41
A'monte .....	21.97	78	137.4	37	RAINY RIVER:				
LEEDS:					Dryden .....	14.09	63	58.4	36
Westport .....	23.70	71	84.2	38	Fort Frances .....	13.39	70	45.8	28
LINCOLN:					Ignace .....	13.32	59	126.3	33
Grantham .....	34.45	91	36.3	27	Kenora .....	15.37	30	69.5	31
Grimsby .....	31.19	66	14.8	11	Lac Seul .....	14.01	53	63.0	68
North Grimsby .....	29.50	107	53.7	41	Mine Centre .....	13.38	79	69.6	65
					Sioux Lookout .....	12.82	49	65.5	41
					White Fish .....	14.98	57	58.5	47

## RAIN AND SNOW—Continued.

TABLE III.—Continued.

Stations.	Rain		Snow		Stations.	Rain		Snow	
	Inches	Days	Inches	Days		Inches	Days	Inches	Days
<b>RENFREW:</b>					<b>WELLAND:</b>				
Clontarf.....	17.94	82	122.8	50	Welland.....	32.22	80	60.8	17
Pembroke.....	19.80	85	100.1	48	<b>WELLINGTON:</b>				
Renfrew.....	15.36	83	91.4	38	Elora.....	27.31	102	56.0	30
Stonecliffe.....	12.39	101	69.2	60	Guelph.....	30.66	100	35.7	32
<b>SIMCOE:</b>					Mount Forest.....	26.51	112	121.7	76
Beeton.....	20.65	80	51.6	40	<b>WENTWORTH:</b>				
Coldwater.....	23.45	80	91.7	52	Stoney Creek.....	21.62	76	31.3	14
<b>SUDBURY:</b>					<b>YORK:</b>				
Chapleau.....	12.14	58	120.4	34	Agincourt.....	25.34	88	73.0	39
Sudbury.....	24.48	85	61.5	38	Deer Park.....	23.10	79	50.6	25
<b>THUNDER BAY:</b>					Toronto.....	28.26	123	61.7	55
Heron Bay.....	18.81	59	148.5	35	Wexford.....	22.71	92	59.1	25
Kakabeka Falls.....	16.11	63	72.0	37					
Port Arthur.....	11.31	62	36.2	44					
Savanne.....	12.35	34	82.5	33					
Schreiber.....	10.76	61	130.6	57					
<b>TIMISKAMING:</b>					Average for the				
Cochrane.....	18.41	90	84.0	49	Province: 1917..	23.14	80	85.6	43
Haileybury.....	21.47	101	116.8	75	1916..	25.70	90	82.7	42
Iroquois Falls.....	23.25	94	122.2	72	1915..	26.03	85	55.8	32
<b>VICTORIA:</b>					1914..	19.65	71	74.3	40
Kinmount.....	23.45	64	93.0	40	1913..	25.73	79	53.9	30
Lindsay.....	18.76	81	81.6	54	1913-1917..	24.05	81	70.5	37
					1882-1917..	24.17	84	72.8	40



## RAIN AND SNOW.

TABLE IV.—Monthly summary of inches of rain and snow in precipitation in the several districts in Ontario in 1917, also the average derived from the thirty-six years, 1882-1917.

Month.	West and South-west.		North and North-west.		Centre.		East and North-east.		The Province.	
	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.	Rain.	Snow.
1917	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
January .....	0.78	23.0	.....	19.3	1.05	15.5	0.81	23.4	0.66	20.3
February .....	0.45	15.3	.....	15.3	0.54	8.5	0.40	16.9	0.35	14.0
March .....	1.59	9.9	0.64	22.3	1.21	10.1	1.05	16.9	1.12	14.8
April .....	3.03	4.2	1.16	5.3	2.45	3.7	2.27	7.6	2.23	5.2
May .....	3.47	1.0	1.48	2.8	2.66	0.2	2.06	.....	2.42	1.0
June .....	5.38	.....	2.85	.....	4.02	.....	2.92	.....	3.79	.....
July .....	4.25	.....	3.45	.....	3.98	.....	2.29	.....	3.49	.....
August .....	2.56	.....	3.53	.....	2.67	.....	2.56	.....	2.83	.....
September .....	1.57	.....	1.76	.....	1.10	.....	1.18	.....	1.40	.....
October .....	4.13	0.8	2.83	8.6	4.63	1.3	5.03	1.1	4.15	2.9
November .....	0.76	6.6	0.26	6.5	0.62	4.7	0.58	10.2	0.56	7.0
December .....	0.18	22.9	0.13	20.6	0.07	16.4	0.19	21.7	0.14	20.4
The Year .....	28.15	83.7	18.09	100.7	25.00	60.4	21.34	97.8	23.14	85.6
1882-1917										
January .....	1.25	15.5	0.69	24.4	1.13	17.1	0.97	20.1	1.01	19.3
February .....	1.12	13.5	0.45	19.3	0.87	14.7	0.61	16.6	0.77	16.0
March .....	1.35	8.7	0.90	13.2	1.28	9.9	1.10	11.3	1.16	10.8
April .....	2.02	1.9	1.55	3.7	1.98	2.7	1.62	3.3	1.79	2.9
May .....	3.21	S	2.62	0.4	2.84	S	2.71	0.1	2.84	0.1
June .....	2.94	.....	2.69	.....	2.72	.....	2.78	.....	2.78	.....
July .....	2.67	.....	2.85	.....	2.83	.....	2.85	.....	2.80	.....
August .....	2.80	.....	2.84	.....	2.37	.....	2.70	.....	2.68	.....
September .....	2.53	.....	3.01	.....	2.31	.....	2.47	.....	2.58	.....
October .....	2.72	0.7	2.95	2.0	2.55	0.5	2.45	0.8	2.67	1.0
November .....	2.22	5.2	1.84	11.9	2.01	5.1	1.82	7.3	1.97	7.4
December .....	1.40	12.8	0.82	21.7	1.21	12.2	1.06	14.7	1.12	15.3
The Year .....	26.23	58.3	23.21	96.6	24.10	62.2	23.14	74.2	24.17	72.8

## SUNSHINE.

TABLE V. Monthly summary of bright sunshine at the principal stations in Ontario for 1917, showing the number of hours the sun was above the horizon, the hours of registered sunshine, the total for the year, and the average derived from the thirty-six years, 1882-1917.

Month.	Sun above Horizon.	Woodstock.	Toronto.	Lindsay.	Kingston.	Ottawa.	Average of five stations.		
							1917	1916	1882- 1917
1917	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.	hrs.
January .....	285.7	86.3	76.2	61.9	68.5	76.8	73.9	71.8	.....
February .....	291.4	113.2	135.1	106.6	120.9	133.7	121.9	96.6	.....
March .....	369.9	131.5	159.2	124.4	146.3	210.1	154.3	158.4	.....
April .....	406.4	140.3	166.2	148.4	154.6	179.2	157.7	154.1	.....
May .....	461.1	194.8	199.7	160.3	162.4	199.9	183.4	206.7	.....
June .....	465.7	213.5	223.7	169.8	197.8	221.5	205.3	192.0	.....
July .....	470.9	253.7	251.9	218.9	231.4	247.5	240.7	309.8	.....
August .....	434.5	242.8	229.4	203.9	239.8	249.1	233.0	275.1	.....
September .....	376.3	211.4	229.8	180.4	161.7	205.3	197.7	167.6	.....
October .....	340.2	95.9	112.0	73.2	84.4	91.6	91.4	154.9	.....
November .....	286.9	118.4	124.9	97.3	116.5	121.7	115.6	101.7	.....
December .....	274.3	75.6	88.1	88.2	112.6	127.6	98.4	72.8	.....
The Year .....	4,463.3	1,877.4	1,996.2	1,633.3	1,796.9	2,063.4	1,873.3	1,961.5	.....
1882-1917									
January .....		62.4	76.6	73.9	76.3	85.4	.....	.....	74.9
February .....		91.2	107.8	102.5	110.9	110.7	.....	.....	104.6
March .....		125.2	152.7	147.4	147.9	151.5	.....	.....	144.9
April .....		168.6	188.6	183.6	181.6	190.1	.....	.....	182.5
May .....		209.2	222.0	207.6	206.4	207.1	.....	.....	210.5
June .....		248.0	259.6	235.2	250.0	234.9	.....	.....	245.5
July .....		274.0	283.0	252.8	270.6	255.3	.....	.....	267.2
August .....		234.9	250.3	227.6	247.7	239.6	.....	.....	240.0
September .....		176.6	208.6	186.8	187.1	172.3	.....	.....	186.3
October .....		142.8	152.3	128.9	137.6	131.4	.....	.....	138.6
November .....		77.1	85.1	72.8	80.9	86.4	.....	.....	80.5
December .....		55.4	66.6	56.6	68.4	63.6	.....	.....	62.1
The Year .....		1,865.4	2,053.2	1,875.7	1,965.4	1,928.3	.....	.....	1,937.6



## RURAL AREA ASSESSED.

TABLE VI.—Showing by County Municipalities the rural area of Ontario as returned by Municipal assessors for 1917; also the comparative totals for the Province of the five years, 1913-1917.

Counties and Districts.	Acres of assessed land.	Acres cleared.	Acres of woodland.	Acres of slash land.	Acres of swamp, marsh or waste land.	Per cent. cleared.
Algoma .....	309,488	52,413	206,037	19,492	31,546	16.94
Brant .....	215,950	179,341	9,876	16,997	9,736	83.05
Bruce .....	934,287	575,435	86,798	149,688	122,366	61.59
Carleton .....	561,474	374,095	53,435	88,841	45,103	66.63
Dufferin .....	355,718	282,422	15,853	23,083	34,360	79.39
Dundas .....	236,682	180,267	18,917	30,744	6,754	76.16
Durham .....	370,400	306,315	25,034	9,783	29,268	82.70
Elgin .....	435,855	360,609	47,594	22,414	5,238	82.74
Essex .....	424,500	358,506	23,638	35,543	8,813	84.45
Frontenac .....	696,295	255,566	73,338	161,518	205,873	36.71
Glengarry .....	287,824	196,096	53,594	19,205	18,929	68.13
Grenville .....	273,064	188,520	30,188	18,705	35,651	69.04
Grey .....	1,063,463	702,635	109,442	94,867	156,519	66.07
Haldimand .....	282,052	242,182	29,956	7,837	2,077	85.86
Haliburton .....	588,494	45,605	423,158	56,245	63,486	77.49
Halton .....	224,536	172,595	16,290	27,301	8,350	76.87
Hastings .....	1,073,994	442,286	241,210	211,154	179,344	41.18
Huron .....	800,260	668,267	47,728	31,481	52,784	83.51
Kenora .....	82,590	5,544	20,004	39,621	17,421	6.71
Kent .....	567,834	474,673	30,200	48,563	14,398	83.59
Lambton .....	659,506	509,557	69,172	77,331	3,446	77.26
Lanark .....	668,786	333,125	170,400	41,108	124,153	49.81
Leeds .....	471,281	270,334	101,588	35,898	63,461	57.36
Lennox & Addington ..	446,830	252,799	101,551	43,875	48,605	56.58
Lincoln .....	189,437	163,076	14,171	10,490	1,700	86.08
Manitoulin .....	284,431	49,629	52,907	87,610	94,285	17.45
Middlesex .....	755,988	663,534	60,281	17,865	14,308	87.77
Muskoka .....	562,461	70,174	309,159	82,763	100,365	12.48
Nipissing .....	331,362	58,492	201,129	15,489	56,252	17.65
Norfolk .....	397,900	283,643	54,692	32,636	26,929	71.28
Northumberland .....	435,251	348,415	36,156	19,537	31,143	80.05
Ontario .....	508,695	382,536	22,971	47,249	55,939	75.20
Oxford .....	470,500	401,105	32,850	20,052	16,493	85.25
Parry Sound .....	638,587	85,676	376,918	102,945	73,048	13.42
Peel .....	288,013	263,549	7,566	5,871	11,027	91.51
Perth .....	518,344	454,675	32,919	22,074	8,676	87.72
Peterborough .....	585,676	262,650	136,737	101,531	84,758	44.85
Prescott .....	292,750	210,381	30,385	40,408	11,576	71.86
Prince Edward .....	234,945	199,012	18,110	3,789	14,034	84.71
Rainy River .....	289,003	35,764	172,246	30,844	50,149	12.37
Renfrew .....	1,071,723	367,550	382,388	158,187	163,598	34.30
Russell .....	249,450	152,557	18,345	77,075	1,473	61.16
Simcoe .....	961,172	675,000	96,906	144,402	44,864	70.23
Stormont .....	247,859	158,343	33,040	44,990	11,486	63.88
Sudbury .....	389,630	60,231	153,321	38,834	137,244	15.46
Thunder Bay .....	455,464	35,162	223,795	102,868	93,639	7.72
Timiskaming .....	294,062	35,680	180,636	29,099	48,647	12.13
Victoria .....	599,936	287,426	62,410	131,536	118,564	47.91
Waterloo .....	307,302	253,661	31,735	6,002	15,904	82.54
Welland .....	226,316	186,687	17,053	13,264	9,312	82.49
Wellington .....	627,283	502,975	31,871	16,642	75,795	80.18
Wentworth .....	269,190	213,520	14,875	12,394	28,401	79.32
York .....	531,136	437,724	24,901	25,468	43,043	82.41
The Province.						
1917 .....	25,045,029	14,728,014	4,835,474	2,751,208	2,730,333	58.81
1916 .....	25,088,035	14,698,648	4,830,938	2,794,701	2,763,748	58.59
1915 .....	25,014,335	14,620,739	4,950,554	2,686,242	2,756,800	58.45
1914 .....	24,935,350	14,595,068	5,066,783	2,487,396	2,786,103	58.53
1913 .....	24,914,027	14,515,128	5,010,284	2,488,879	2,899,736	58.26

Statistics from Municipal Assessors are compiled by the Bureau of Municipal Affairs.

## FALL WHEAT AND SPRING WHEAT.

TABLE VII.—Showing by County Municipalities of Ontario the area, produce and market value of Fall Wheat and Spring Wheat for the year 1917, together with the comparative totals for the Province for 1915 and 1916, and the annual average for various periods.

Counties and Districts.	Fall Wheat.				Spring Wheat.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	495	12,920	26.1	27,235	1,653	33,721	20.4	70,477
Brant .....	21,611	397,642	18.4	837,832	69	1,035	15.0	2,174
Bruce .....	25,537	531,170	20.8	1,108,021	3,025	55,055	18.2	112,092
Carleton .....	742	23,373	31.5	48,265	8,770	180,662	20.6	386,255
Dufferin .....	2,285	53,469	23.4	109,665	4,213	92,686	22.0	190,284
Dundas .....	413	12,018	29.1	24,673	2,655	66,906	25.2	139,164
Durham .....	6,167	134,441	21.8	286,494	9,417	177,040	18.8	371,430
Elgin .....	27,379	626,979	22.9	1,320,418	52	858	16.5	1,802
Essex .....	28,557	782,462	27.4	1,642,388	461	11,525	25.0	24,203
Frontenac .....	833	18,743	22.5	39,998	2,389	46,108	19.3	98,072
Glengarry .....	44	1,100	25.0	2,310	4,839	86,618	17.9	179,472
Grenville .....	42	911	21.7	1,913	1,675	40,033	23.9	84,990
Grey .....	18,299	430,027	23.5	898,756	5,959	121,564	20.4	253,218
Haldimand .....	23,666	352,623	14.9	733,808	431	7,241	16.8	15,206
Haliburton.....	60	978	16.3	2,104	250	4,375	17.5	9,166
Halton .....	8,739	182,645	20.9	387,390	1,762	39,821	22.6	82,668
Hastings .....	10,116	216,482	21.4	453,313	4,282	76,220	17.8	157,089
Huron .....	14,931	274,730	18.4	575,834	2,116	45,494	21.5	94,036
Kent .....	60,101	1,418,384	23.6	2,972,933	236	4,649	19.7	9,749
Lambton.....	37,842	1,029,302	27.2	2,140,948	177	3,770	21.3	7,872
Lanark .....	1,358	35,715	26.3	75,002	8,358	178,025	21.3	382,042
Leeds .....	972	27,022	27.8	57,638	2,206	46,326	21.0	99,879
Lennox and Add..	2,563	58,693	22.9	121,612	2,545	47,592	18.7	99,991
Lincoln .....	11,562	224,303	19.4	473,504	176	3,010	17.1	6,499
Manitoulin .....	356	9,078	25.5	18,156	1,980	45,342	22.9	90,684
Middlesex .....	39,940	1,050,422	26.3	2,194,332	366	7,869	21.5	16,769
Muskoka .....	7	111	15.8	231	642	12,583	19.6	26,512
Nipissing .....	36	677	18.8	1,468	1,636	31,738	19.4	68,364
Norfolk .....	33,315	622,991	18.7	1,311,396	56	1,120	20.0	2,380
Northumberland.	8,068	162,974	20.2	341,268	7,756	140,384	18.1	290,876
Ontario .....	7,938	205,594	25.9	428,047	9,917	221,149	22.3	459,548
Oxford .....	21,369	538,499	25.2	1,128,694	201	4,141	20.6	8,928
Parry Sound.....	52	1,284	24.7	2,568	1,449	28,545	19.7	59,317
Peel .....	7,338	161,436	22.0	339,661	3,157	73,874	23.4	151,220
Perth .....	10,365	215,592	20.8	452,743	1,283	29,381	22.9	60,731
Peterborough .....	7,694	193,119	25.1	409,412	5,313	91,384	17.2	190,810
Prescott .....	25	500	20.0	1,063	4,709	79,111	16.8	171,275
Prince Edward ..	6,087	130,262	21.4	273,420	2,342	43,327	18.5	89,600
Rainy R. & Kenora	93	1,776	19.1	3,678	1,914	38,854	20.3	81,399
Renfrew .....	1,007	23,967	23.8	50,714	33,239	598,302	18.0	1,282,759
Russell .....	80	1,440	18.0	3,024	2,935	62,222	21.2	130,666
Simcoe .....	54,560	1,440,384	26.4	3,006,081	6,922	143,285	20.7	298,749
Stormont .....	55	1,540	28.0	3,399	2,808	62,057	22.1	130,692
Sudbury .....	80	2,136	26.7	4,449	1,656	41,069	24.8	87,148
Thunder Bay ....	51	1,275	25.0	2,550	820	19,844	24.2	40,502
Timiskaming.....	60	1,254	20.9	2,633	1,748	38,281	21.9	77,940
Victoria .....	5,776	164,616	28.5	340,920	7,405	145,879	19.7	297,739
Waterloo .....	18,788	379,518	20.2	807,994	633	11,774	18.6	24,961
Welland .....	17,418	289,139	16.6	620,781	86	1,471	17.1	3,061
Wellington .....	6,294	122,104	19.4	252,389	3,423	82,494	24.1	167,380
Wentworth .....	13,451	270,365	20.1	577,500	320	5,312	16.6	11,208
York .....	21,329	546,022	25.6	1,158,113	10,525	248,390	23.6	517,645
The Province:								
1917.....	585,946	13,384,207	22.8	28,078,738	182,957	3,679,516	20.1	7,716,693
1916.....	704,867	14,942,050	21.2	24,099,591	144,305	2,213,961	15.3	3,591,681
1915.....	811,185	24,737,011	30.5	24,023,286	162,142	3,439,949	21.2	3,392,996
Averages(10 years)								
1902-1911....	720,272	16,912,017	23.5	14,142,444	182,335	2,269,976	17.9	2,655,591
1892-1901....	930,794	18,688,313	20.1	12,650,091	356,355	5,405,846	15.2	3,650,840
1882-1891....	902,846	18,059,235	20.0	16,250,884	563,547	8,882,998	15.8	7,959,306
Average (36 years)								
1882-1917....	825,923	17,632,724	21.3	15,275,096	329,723	5,318,399	16.1	4,544,172



## BARLEY AND OATS.

TABLE VIII.—Showing by County Municipalities of Ontario the area, produce and market value of Barley and Oats for the year 1917, together with the comparative totals for the Province for 1915 and 1916, and the annual averages for various periods.

Counties and Districts.	Barley.				Oats.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	1,661	44,017	26.5	54,845	10,419	352,162	33.8	292,294
Brant.....	8,250	272,250	33.0	331,601	27,583	1,092,287	39.6	850,892
Bruce.....	27,329	893,658	32.7	1,112,604	112,395	4,226,052	37.6	3,304,773
Carleton.....	6,400	210,560	32.9	269,306	89,877	3,640,019	40.5	2,999,376
Dufferin.....	15,936	552,979	34.7	689,565	61,636	2,718,148	44.1	2,035,893
Dundas.....	4,265	154,393	36.2	209,357	32,513	1,316,777	40.5	1,104,776
Durham.....	10,108	297,175	29.4	382,167	54,254	2,012,823	37.1	1,545,848
Elgin.....	5,863	171,786	29.3	227,273	51,277	1,963,909	38.3	1,537,741
Essex.....	8,913	332,455	37.3	418,893	65,768	2,900,369	44.1	2,172,376
Frontenac.....	5,381	133,449	24.8	182,959	41,348	1,381,023	33.4	1,091,008
Glenagarry.....	4,653	127,958	27.5	170,824	41,863	1,423,342	34.0	1,194,184
Grenville.....	1,591	45,662	28.7	70,456	34,840	1,393,600	40.0	1,176,198
Grey.....	28,292	981,732	34.7	1,196,731	153,748	6,395,917	41.6	4,905,668
Haldimand.....	8,820	226,674	25.7	274,049	38,343	1,338,171	34.9	1,042,435
Haliburton.....	669	17,595	26.3	23,929	9,037	300,028	33.2	253,224
Halton.....	8,717	312,069	35.8	396,328	31,842	1,445,627	45.4	1,113,133
Hastings.....	17,960	481,328	26.8	637,278	79,781	2,776,379	34.8	2,223,880
Huron.....	28,257	960,738	34.0	1,139,435	135,591	5,504,995	40.6	4,106,726
Kent.....	11,890	382,858	32.2	506,904	62,841	2,576,481	41.0	2,063,761
Lambton.....	14,196	491,182	34.6	574,683	77,517	3,123,935	40.3	2,249,233
Lanark.....	5,629	178,439	31.7	243,391	43,413	1,710,472	39.4	1,387,193
Leeds.....	3,620	115,116	31.8	157,709	47,398	1,777,425	37.5	1,475,263
Lennox and Add..	8,526	240,433	28.2	314,005	35,873	1,273,492	35.5	971,674
Lincoln.....	2,221	71,738	32.3	87,951	23,002	970,684	42.2	760,046
Manitoulin.....	1,575	60,795	38.6	77,514	7,235	332,810	46.0	240,289
Middlesex.....	15,804	515,210	32.6	608,978	100,720	4,079,160	40.5	3,002,262
Muskoka.....	856	23,198	27.1	32,292	13,895	448,809	32.3	380,141
Nipissing.....	1,039	27,118	26.1	35,009	12,192	440,131	36.1	377,632
Norfolk.....	5,238	161,330	30.8	201,017	44,048	1,590,133	36.1	1,237,123
Northumberland..	9,972	294,174	29.5	385,662	59,617	2,181,982	36.6	1,776,133
Ontario.....	21,165	753,474	35.6	964,447	81,957	3,491,368	42.6	2,716,284
Oxford.....	12,702	486,487	38.3	589,622	80,290	3,621,079	45.1	2,878,758
Parry Sound.....	1,356	39,731	29.3	50,419	20,580	792,330	38.5	644,164
Peel.....	20,726	773,080	37.3	987,223	53,208	2,405,002	45.2	1,842,232
Perth.....	25,830	1,004,787	38.9	1,184,644	105,907	4,861,085	45.9	3,665,258
Peterborough.....	11,613	310,067	26.7	406,188	51,841	1,793,699	34.6	1,424,197
Prescott.....	3,326	80,157	24.1	114,464	46,251	1,433,781	31.0	1,237,353
Prince Edward....	10,014	283,396	28.3	355,662	26,075	967,383	37.1	739,081
Rainy R'r. & Kenora	1,344	38,304	28.5	51,442	6,695	243,029	36.3	220,670
Renfrew.....	5,800	155,394	26.7	177,926	67,883	2,396,270	35.3	1,835,543
Russell.....	3,780	115,668	30.6	164,249	31,300	1,195,660	38.2	988,811
Simcoe.....	58,099	2,056,705	35.4	2,560,598	141,701	6,249,014	44.1	4,636,768
Stormont.....	2,655	84,164	31.7	117,325	29,185	1,158,645	39.7	991,800
Sudbury.....	1,192	34,330	28.8	48,611	10,936	427,598	39.1	377,141
Thunder Bay.....	764	25,059	32.8	32,426	6,653	296,724	44.6	259,634
Timiskaming.....	1,228	36,349	29.6	48,090	5,799	226,161	39.0	191,785
Victoria.....	17,471	545,095	31.2	685,184	63,395	2,548,479	40.2	1,924,102
Waterloo.....	11,636	414,242	35.6	510,760	59,127	2,601,588	44.0	1,987,613
Welland.....	2,139	60,320	28.2	76,486	26,896	995,152	37.0	775,223
Wellington.....	20,816	759,784	36.5	955,808	107,216	4,674,618	43.6	3,627,504
Wentworth.....	6,862	212,722	31.0	263,988	41,111	1,521,107	37.0	1,222,970
York.....	37,129	1,340,357	36.1	1,759,889	99,484	4,645,903	46.7	3,581,991
The Province:								
1917.....	551,298	18,387,741	33.4	23,118,166	2,763,355	111,232,817	40.3	86,640,057
1916.....	527,886	12,388,969	23.5	12,621,940	2,689,762	71,297,528	26.5	47,066,428
1915.....	552,318	19,893,129	36.0	11,130,811	2,871,555	120,217,952	41.9	47,452,121
Averages (10 yrs.)								
1902-1911.....	711,199	21,709,056	30.5	10,870,736	2,703,906	98,968,442	36.6	36,309,289
1892-1901.....	498,932	13,100,823	26.3	5,637,346	2,291,902	79,229,462	34.6	22,119,649
1882-1891.....	743,245	19,349,351	26.0	10,547,091	1,663,205	58,410,603	35.1	21,017,492
Average (36 yrs.)								
1882-1917.....	639,327	17,995,753	28.1	9,569,365	2,305,362	82,479,705	35.8	30,588,957

## PEAS AND BEANS.

TABLE IX.—Showing by County Municipalities of Ontario the area, produce and market value of Peas and Beans for the year 1917, together with the comparative totals for the Province for 1915 and 1916, and the annual averages for various periods.

Counties and Districts.	Peas.				Beans.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	669	9,165	13.7	26,139	24	120	5.0	840
Brant .....	190	2,983	15.7	7,786	1,759	25,506	14.5	175,991
Bruce .....	5,419	81,827	15.1	275,839	1,322	15,600	11.8	117,000
Carleton .....	1,299	25,071	19.3	77,419	2,402	39,873	16.6	261,567
Dufferin .....	1,005	19,799	19.7	65,337	116	1,160	10.0	7,830
Dundas .....	286	5,234	18.3	12,954	1,432	24,201	16.9	153,676
Durham .....	7,371	119,410	16.2	393,814	961	12,685	13.2	84,482
Elgin .....	788	10,244	13.0	29,195	8,553	57,305	6.7	402,281
Essex .....	46	690	15.0	1,725	1,841	14,728	8.0	110,755
Frontenac .....	349	5,061	14.5	14,444	1,101	17,836	16.2	113,972
Glengarry .....	667	9,471	14.2	26,007	905	15,385	17.0	96,926
Grenville .....	209	3,449	16.5	8,543	1,055	16,775	15.9	107,192
Grey .....	5,362	98,661	18.4	346,103	734	8,808	12.0	63,506
Haldimand .....	792	10,534	13.3	31,012	539	4,635	8.6	33,140
Haliburton .....	139	2,002	14.4	5,736	25	125	5.0	863
Halton .....	330	6,336	19.2	20,719	470	4,700	10.0	35,861
Hastings .....	1,872	26,208	14.0	76,632	1,424	17,515	12.3	121,379
Huron .....	2,103	28,180	13.4	88,795	21,972	208,734	9.5	1,415,217
Kent .....	398	7,522	18.9	22,566	31,857	261,227	8.2	1,820,752
Lambton .....	710	14,200	20.0	40,229	3,191	24,890	7.8	177,217
Lanark .....	1,111	19,109	17.2	56,161	545	7,085	13.0	45,415
Leeds .....	426	9,116	21.4	24,486	778	9,647	12.4	60,583
Lennox and Add'ton	1,520	22,344	14.7	62,831	799	11,422	14.3	75,069
Lincoln .....	202	2,565	12.7	8,177	756	5,292	7.0	40,695
Manitoulin .....	1,429	21,006	14.7	66,631	26	130	5.0	845
Middlesex .....	571	8,622	15.1	25,073	5,013	39,101	7.8	281,136
Muskoka .....	476	9,758	20.5	29,128	40	440	11.0	2,640
Nipissing .....	997	15,058	14.1	49,435	52	702	13.5	4,781
Norfolk .....	1,423	18,499	13.0	52,722	2,450	21,070	8.6	158,025
Northumberland ...	2,396	40,253	16.8	124,986	1,840	22,264	12.1	151,395
Ontario .....	4,408	74,054	16.8	237,121	850	8,840	10.4	59,670
Oxford .....	353	5,295	15.0	14,397	473	4,730	10.0	35,144
Parry Sound .....	1,806	27,271	15.1	77,504	33	165	5.0	990
Peel .....	1,238	21,417	17.3	74,210	290	3,045	10.5	20,036
Perth .....	1,022	16,965	16.6	48,011	523	2,615	5.0	19,743
Peterborough .....	4,825	67,068	13.9	221,861	384	3,994	10.4	26,001
Prescott .....	657	10,709	16.3	36,882	883	11,302	12.8	75,610
Prince Edward ....	4,456	89,120	20.0	254,170	2,787	35,395	12.7	234,315
Rainy Riv. & Kenora	112	1,859	16.6	5,887	7	35	5.0	210
Renfrew .....	10,774	178,848	16.6	621,318	903	14,087	15.6	91,143
Russell .....	845	13,520	16.0	45,211	665	11,505	17.3	69,720
Simcoe .....	5,457	104,229	19.1	354,587	1,688	24,645	14.6	171,529
Stormont .....	465	8,789	18.9	28,687	671	12,011	17.9	78,432
Sudbury .....	902	17,950	19.9	56,704	70	350	5.0	2,100
Thunder Bay .....	160	3,520	22.0	12,250	.....	.....	.....	.....
Timiskaming .....	1,515	31,815	21.0	108,235	43	215	5.0	1,290
Victoria .....	4,276	76,540	17.9	234,978	456	5,335	11.7	37,558
Waterloo .....	583	11,660	20.0	34,980	418	5,434	13.0	40,212
Welland .....	115	1,150	10.0	3,067	2,994	23,653	7.9	203,179
Wellington .....	2,777	43,877	15.8	137,949	876	8,410	9.6	59,543
Wentworth .....	251	3,012	12.0	9,036	466	2,330	5.0	17,195
York .....	2,770	51,522	18.6	168,219	1,218	11,449	9.4	81,975
The Province:								
1917 .....	90,322	1,512,567	16.7	4,855,888	110,680	1,078,510	9.7	7,446,626
1916 .....	95,542	1,243,979	13.4	2,618,754	53,999	583,105	10.8	3,183,086
1915 .....	126,943	2,043,049	16.1	3,302,641	62,863	882,819	14.0	2,745,106
Averages (10 years):								
1902-1911 .....	389,104	7,056,642	18.1	5,275,196	50,006	854,999	17.1	1,263,012
1892-1901 .....	789,819	14,242,404	18.5	7,613,480	51,654	875,597	17.0	818,381
1882-1891 .....	668,962	13,908,658	20.8	8,573,501	26,201	469,393	17.9	545,087
Average (36 years):								
1882-1917 .....	532,454	10,173,930	19.1	6,559,443	47,046	766,211	16.3	1,262,406



## RYE AND BUCKWHEAT.

TABLE X.—Showing by County Municipalities of Ontario the area, produce and market value of Rye and Buckwheat for the year 1917, together with the comparative totals for the Province for 1915 and 1916, and the annual averages for various periods.

Counties and Districts.	Rye.				Buckwheat.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	36	738	20.5	1,181	182	3,440	18.9	4,644
Brant .....	4,257	71,943	16.9	122,735	1,207	17,019	14.1	25,460
Bruce .....	722	10,325	14.3	16,840	3,516	63,288	18.0	86,958
Carleton .....	509	9,620	18.9	14,190	4,894	104,242	21.3	143,750
Dufferin .....	5,220	109,620	21.0	183,065	2,019	52,090	25.8	73,186
Dundas .....	691	13,958	20.2	20,435	1,925	44,468	23.1	62,878
Durham .....	13,311	194,341	14.6	332,906	5,909	101,044	17.1	150,859
Elgin .....	1,324	23,700	17.9	36,735	3,853	49,704	12.9	74,755
Essex .....	1,226	31,999	26.1	50,398	1,555	25,502	16.4	40,931
Frontenac .....	1,938	30,233	15.6	47,163	2,652	59,670	22.5	86,522
Glengarry .....	.....	.....	.....	.....	1,810	32,218	17.8	41,980
Grenville .....	913	17,621	19.3	28,599	4,309	106,001	24.6	150,521
Grey .....	984	16,728	17.0	27,317	4,025	85,330	21.2	123,131
Haldimand .....	395	6,715	17.0	10,825	1,627	20,500	12.6	31,857
Haliburton .....	306	4,957	16.2	7,128	469	9,661	20.6	13,100
Halton .....	593	10,378	17.5	17,778	1,159	23,991	20.7	35,459
Hastings .....	6,841	102,615	15.0	159,669	9,831	186,789	19.0	266,174
Huron .....	711	14,220	20.0	20,377	3,863	68,761	17.8	92,415
Kent .....	1,344	25,670	19.1	44,409	2,009	26,117	13.0	39,280
Lambton .....	302	6,040	20.0	9,664	383	4,596	12.0	6,434
Lanark .....	1,520	25,992	17.1	39,872	4,054	90,810	22.4	116,600
Leeds .....	688	12,659	18.4	20,128	3,189	78,449	24.6	112,888
Lennox & Addington .....	3,019	48,002	15.9	74,115	5,458	106,977	19.6	154,368
Lincoln .....	138	2,484	18.0	3,974	482	8,676	18.0	12,580
Manitowlin .....	190	3,287	17.3	4,520	111	1,476	13.3	2,214
Middlesex .....	697	13,452	19.3	20,178	1,456	29,120	20.0	42,632
Muskoka .....	163	2,445	15.0	4,034	254	4,826	19.0	7,239
Nipissing .....	151	2,658	17.6	4,146	102	1,999	19.6	2,783
Norfolk .....	11,181	168,833	15.1	283,808	8,209	100,971	12.3	151,860
Northumberland .....	12,285	164,619	13.4	273,926	10,658	207,831	19.5	305,096
Ontario .....	8,715	165,585	19.0	269,738	6,743	151,043	22.4	216,143
Oxford .....	2,344	37,973	16.2	61,137	2,276	47,796	21.0	71,503
Parry Sound .....	249	5,304	21.3	8,009	223	5,352	24.0	6,690
Peel .....	2,697	52,861	19.6	86,163	1,349	27,789	20.6	40,766
Perth .....	363	5,082	14.0	7,623	1,366	23,495	17.2	29,956
Peterborough .....	4,338	68,107	15.7	107,269	3,725	65,188	17.5	90,481
Prescott .....	50	875	17.5	1,422	1,515	34,694	22.9	52,180
Prince Edward .....	6,081	89,999	14.8	145,798	7,983	180,416	22.6	268,098
Rainy R'r & Kenora .....	48	1,080	22.5	1,890	24	480	20.0	672
Renfrew .....	6,633	108,781	16.4	162,301	2,369	42,879	18.1	52,184
Russell .....	40	680	17.0	1,020	1,345	30,128	22.4	42,059
Simcoe .....	15,967	290,599	18.2	475,420	10,258	224,650	21.9	314,285
Stormont .....	75	1,628	21.7	2,714	3,036	61,934	20.4	88,628
Sudbury .....	112	2,240	20.0	3,226	192	4,800	25.0	6,960
Thunder Bay .....	256	4,915	19.5	8,257	16	400	25.0	560
Timiskaming .....	5	75	15.0	120	35	525	15.0	735
Victoria .....	2,581	45,942	17.8	73,783	4,370	82,156	18.8	113,211
Waterloo .....	3,081	59,463	19.3	99,601	1,947	36,798	18.9	49,935
Welland .....	589	9,836	16.7	14,636	1,155	15,131	13.1	23,529
Wellington .....	1,526	25,332	16.6	37,745	3,691	68,653	18.6	93,505
Wentworth .....	1,171	22,249	19.0	36,488	1,444	22,238	15.4	31,000
York .....	4,501	77,867	17.3	130,116	7,225	150,280	20.8	226,622
The Province:								
1917 .....	133,077	2,222,325	16.7	3,614,591	153,457	2,992,391	19.5	4,278,256
1916 .....	148,738	2,354,410	15.8	2,797,290	229,205	3,261,888	14.2	3,555,699
1915 .....	173,736	3,210,512	18.5	2,532,051	193,497	4,278,366	22.1	3,057,398
Averages (10 years)								
1902-1911 .....	112,424	1,877,432	16.7	1,129,754	131,168	2,871,668	21.9	1,503,428
1892-1901 .....	129,188	2,088,786	16.2	937,885	131,005	2,450,389	18.7	949,189
1882-1891 .....	103,636	1,683,211	16.2	1,010,057	69,230	1,413,900	20.4	586,472
Average (36 years)								
1882-1917 .....	118,648	1,956,014	16.5	1,230,109	125,044	2,543,635	20.3	1,383,978

## CORN.\*

TABLE XI.—Showing by County Municipalities of Ontario, the area, produce and market value of Corn for husking and for fodder for the year 1917, together with the comparative totals for the Province for 1915 and 1916 and the annual averages for various periods.

Counties and Districts.	Corn for husking.				Corn for Silo.			
	Acres.	Bushels.	Per acre.	Market Value.	Acres.	Tons green.	Per acre.	Market value.
Algoma .....	107	2,140	20.0	\$ 2,675	225	2,250	10.00	\$ 9,000
Brant .....	2,512	110,779	44.1	124,516	8,607	84,607	9.83	338,428
Bruce .....	520	13,000	25.0	18,200	14,185	112,345	7.92	449,380
Carleton .....	642	30,495	47.5	36,076	21,746	261,604	12.03	1,046,416
Dufferin .....	52	1,560	30.0	1,950	2,709	20,995	7.75	83,980
Dundas .....	1,226	67,430	55.0	87,120	15,034	153,647	10.22	614,588
Durham .....	1,577	86,735	55.0	101,220	10,981	111,128	10.12	444,512
Elgin .....	17,155	447,746	26.1	500,580	17,410	114,558	6.58	458,232
Essex .....	80,722	4,092,605	50.7	4,886,570	4,217	31,628	7.50	126,512
Frontenac .....	2,454	126,381	51.5	181,104	6,983	68,643	9.83	274,572
Glengarry .....	702	28,080	40.0	32,011	8,216	100,646	12.25	402,584
Grenville .....	2,249	113,125	50.3	179,077	8,643	101,296	11.72	405,184
Grey .....	289	5,780	20.0	7,127	16,747	130,794	7.81	523,176
Haldimand .....	2,027	41,554	20.5	48,494	6,167	26,210	4.25	104,840
Haliburton .....	338	6,760	20.0	9,464	356	3,204	9.00	12,816
Halton .....	387	20,124	52.0	26,825	5,659	52,685	9.31	210,740
Hastings .....	4,677	202,046	43.2	287,107	14,907	130,734	8.77	522,936
Huron .....	927	37,080	40.0	46,684	18,975	163,565	8.62	654,260
Kent .....	58,225	2,952,008	50.7	3,846,466	9,523	64,756	6.80	259,024
Lambton .....	18,585	771,278	41.5	848,406	21,152	148,064	7.00	592,256
Lanark .....	1,502	67,590	45.0	85,299	11,964	146,918	12.28	587,672
Leeds .....	3,634	218,040	60.0	274,294	10,247	142,843	13.94	571,372
Lennox & Addingt'n.	2,032	105,664	52.0	125,212	6,335	59,866	9.45	239,464
Lincoln .....	3,357	114,138	34.0	162,076	4,647	25,791	5.55	103,164
Manitoulin .....	115	3,450	30.0	4,313	864	5,590	6.47	22,360
Middlesex .....	12,306	263,348	21.4	405,029	29,817	203,650	6.83	814,600
Muskoka .....	247	3,705	15.0	4,631	446	3,568	8.00	14,272
Nipissing .....	67	1,005	15.0	1,106	140	1,026	7.33	4,104
Norfolk .....	14,021	405,207	28.9	485,033	12,479	88,601	7.10	354,404
Northumberland ...	2,836	113,440	40.0	136,128	11,987	102,369	8.54	409,476
Ontario .....	769	38,450	50.0	47,755	18,471	159,882	10.28	759,528
Oxford .....	3,113	147,868	47.5	178,477	34,202	264,723	7.74	1,058,892
Parry Sound.....	159	2,385	15.0	2,981	239	2,390	10.00	9,560
Peel .....	472	18,880	40.0	23,600	7,925	61,181	7.72	244,724
Perth .....	197	5,910	30.0	6,755	19,923	176,518	8.86	706,072
Peterborough .....	159	3,180	20.0	4,452	8,903	81,373	9.14	325,492
Prescott .....	1,616	75,306	46.6	107,537	7,136	76,569	10.73	306,276
Prince Edward.....	5,683	315,975	55.6	387,069	5,829	50,537	8.67	202,148
Rainy R'r & Kenora..	41	410	10.0	410	12	36	3.00	144
Renfrew .....	351	14,391	41.0	18,392	6,798	57,919	8.52	231,676
Russell .....	685	41,100	60.0	48,621	6,100	66,002	10.82	264,008
Simcoe .....	743	22,662	30.5	22,662	16,520	158,592	9.60	634,368
Stormont .....	1,089	52,708	48.4	63,513	9,272	122,576	13.22	490,304
Sudbury .....	36	540	15.0	540	64	384	6.00	1,536
Thunder Bay .....	.....	.....	.....	.....	.....	.....	.....	.....
Timiskaming .....	.....	.....	.....	.....	4	20	5.00	80
Victoria .....	320	6,400	20.0	8,960	11,521	97,698	8.48	390,792
Waterloo .....	438	18,089	41.3	22,919	12,883	105,125	8.16	420,500
Welland .....	5,746	222,370	38.7	287,747	5,942	38,148	6.42	152,592
Wellington .....	236	9,440	40.0	10,856	12,608	122,550	9.72	490,200
Wentworth .....	963	33,705	35.0	42,974	7,538	57,289	7.60	229,156
York .....	629	31,450	50.0	37,394	18,071	194,083	10.74	776,332
The Province:								
1917 .....	258,935	11,513,512	44.5	14,278,407	511,329	4,187,176	8.97	18,348,704
1916 .....	258,332	12,717,072	49.2	9,446,060	439,411	3,276,185	7.46	10,647,610
1915 .....	309,773	21,760,496	70.2	9,885,292	443,736	4,874,377	10.98	12,185,943
Averages (10 yrs.)								
1902-1911 .....	325,515	22,988,755	70.6	8,780,681	236,330	2,731,936	11.56	5,652,083
1892-1901 .....	294,076	21,218,057	72.2	5,314,705	157,611	1,777,533	11.28	3,555,065
Average (26 years).								
1892-1917.....	304,419	21,364,425	70.2	7,803,391	250,696	2,715,869	10.83	6,354,006

\* The combined average for corn for the ten years 1882-1891 is 195,878 acres, the average value of the produce for the same period being \$3,704,614. The combined average for corn for the thirty-six years 1882-1917 is 455,327 acres, the average value of the produce for the same period being \$11,254,013.



## POTATOES AND CARROTS.

TABLE XII.—Showing by County Municipalities of Ontario, the area, produce and market value of Potatoes and Carrots for the year 1917, together with the comparative totals for the Province for 1915 and 1916, and the annual averages for various periods.

Counties and Districts.	Potatoes				Carrots.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma .....	1,299	179,392	138.1	240,385	66	15,180	230	3,036
Brant .....	2,235	255,461	114.3	357,901	71	23,643	333	4,729
Bruce .....	3,958	572,327	144.6	612,962	49	7,644	156	1,529
Carleton .....	4,693	667,814	142.3	800,709	331	100,624	304	20,125
Dufferin .....	3,104	493,226	158.9	570,662	19	4,750	250	950
Dundas .....	1,905	279,273	146.6	310,831	21	4,956	236	991
Durham .....	3,010	322,371	107.1	417,470	25	7,500	300	1,500
Elgin .....	3,065	194,015	63.3	283,262	37	6,216	168	1,243
Essex .....	2,878	309,097	107.4	434,899	78	19,500	250	3,900
Frontenac .....	3,209	424,872	132.4	534,064	81	14,904	184	2,981
Glengarry .....	2,121	235,855	111.2	312,272	62	14,260	230	2,852
Grenville .....	2,441	410,332	168.1	470,651	19	5,301	279	1,060
Grey .....	5,476	853,161	155.8	964,072	96	20,544	214	4,109
Haldimand .....	1,200	60,720	50.6	85,190	10	1,350	135	270
Haliburton .....	778	118,878	152.8	123,039	34	6,800	200	1,360
Halton .....	1,388	175,304	126.3	237,888	26	8,788	338	1,757
Hastings .....	4,970	660,016	132.8	838,220	99	27,720	280	5,544
Huron .....	3,737	523,180	140.0	614,213	23	5,750	250	1,150
Kent .....	3,668	392,109	106.9	541,503	14	3,906	279	781
Lambton .....	2,804	252,360	90.0	335,386	34	11,560	340	2,312
Lanark .....	2,305	305,643	132.6	335,596	29	5,510	190	1,102
Leeds .....	2,768	424,611	153.4	489,152	30	6,900	230	1,380
Lennox & Addington .....	2,628	342,954	130.5	416,003	108	27,108	251	5,422
Lincoln .....	1,619	154,938	95.7	220,322	64	20,800	325	4,160
Manitoulin .....	595	89,786	150.9	96,340	15	5,025	335	1,005
Middlesex .....	5,747	564,930	98.3	760,961	76	16,644	219	3,329
Muskoka .....	1,180	194,700	165.0	218,453	69	16,767	243	3,353
Nipissing .....	1,273	177,456	139.4	223,949	42	9,450	225	1,890
Norfolk .....	3,409	270,334	79.3	362,248	48	13,200	275	2,640
Northumberland .....	3,497	366,835	104.9	440,936	74	25,900	350	5,180
Ontario .....	5,022	641,812	127.8	756,696	16	5,072	317	1,014
Oxford .....	2,373	257,945	108.7	370,151	28	5,600	200	1,120
Parry Sound .....	1,594	275,603	172.9	318,597	43	12,900	300	2,580
Peel .....	2,486	301,552	121.3	392,018	93	18,786	202	3,757
Perth .....	2,955	399,221	135.1	528,569	29	10,150	350	2,030
Peterborough .....	2,341	278,813	119.1	360,505	50	13,350	267	2,670
Prescott .....	2,672	241,014	90.2	318,379	25	7,200	288	1,440
Prince Edward .....	1,802	204,887	113.7	244,430	38	8,854	233	1,771
Rainy R'r & Kenora .....	955	141,627	148.3	144,601	38	10,222	269	2,044
Renfrew .....	3,972	532,645	134.1	624,260	51	11,985	235	2,397
Russell .....	1,458	198,142	135.9	267,888	45	14,400	320	2,880
Simcoe .....	8,565	1,438,064	167.9	1,543,043	111	31,080	280	6,216
Stormont .....	1,948	244,669	125.6	321,006	37	7,548	204	1,510
Sudbury .....	1,607	204,571	127.3	255,714	84	16,800	200	3,360
Thunder Bay .....	1,700	263,330	154.9	318,103	43	10,320	240	2,064
Timiskaming .....	776	76,048	98.0	103,425	34	6,800	200	1,360
Victoria .....	2,176	309,862	142.4	342,707	36	7,200	200	1,440
Waterloo .....	2,673	297,238	111.2	417,322	32	6,624	207	1,325
Welland .....	2,361	115,453	48.9	183,570	69	16,215	235	3,243
Wellington .....	4,578	649,618	141.9	790,585	50	12,000	240	2,400
Wentworth .....	3,452	271,327	78.6	399,936	61	19,886	326	3,977
York .....	6,055	676,344	111.7	879,247	157	47,100	300	9,420
The Province:								
1917 .....	146,481	18,291,735	124.9	22,530,291	2,920	758,292	260	151,658
1916 .....	139,523	7,408,429	53.1	9,684,215	2,391	331,124	138	46,357
1915 .....	173,934	13,267,023	76.3	10,805,026	2,439	686,232	281	85,779
Averages (10 yrs.)								
1902-1911 .....	153,092	17,355,152	113.4	8,928,246	5,243	1,688,002	322	211,000
1892-1901 .....	164,451	18,304,638	111.3	6,150,629	11,163	3,880,538	348	485,068
1882-1891 .....	155,449	18,840,683	121.2	8,476,165	10,243	3,659,347	351	457,417
Average (36 yrs.)								
1882-1917 .....	157,666	18,085,000	114.7	8,778,777	7,878	2,671,108	339	335,606

## MANGELS AND TURNIPS.

TABLE XIII. Showing by County Municipalities of Ontario the area, produce and market value of Mangels and Turnips for the year 1917, together with the comparative totals for the Province for 1915 and 1916, and the annual averages for various periods.

Counties and Districts.	Mangels.				Turnips.			
	Acres.	Bushels.	Per Acre.	Market value.	Acres.	Bushels.	Per Acre.	Market value.
				\$				\$
Algoma .....	48	13,920	290	2,784	580	194,300	335	38,860
Brant .....	902	381,546	423	76,309	2,825	1,186,500	420	237,300
Bruce .....	3,128	1,022,856	327	204,571	3,232	1,289,568	399	257,914
Carleton .....	612	217,872	356	43,575	2,002	860,860	430	172,172
Dufferin .....	596	237,804	399	47,561	2,931	1,321,881	451	264,376
Dundas .....	173	69,892	404	13,978	181	73,848	408	14,770
Durham .....	1,768	799,136	452	159,827	3,597	1,654,620	460	330,924
Elgin .....	416	116,480	280	23,296	181	59,911	331	11,982
Essex .....	664	265,600	400	53,120	159	63,600	400	12,720
Frontenac .....	213	66,030	310	13,206	544	156,128	287	31,226
Glengarry .....	146	51,100	350	10,220	415	134,875	325	26,975
Grenville .....	130	54,990	423	10,998	299	122,291	409	24,458
Grey .....	2,576	991,760	385	198,352	4,328	1,462,864	338	292,572
Haldimand .....	297	98,901	333	19,780	72	12,600	175	2,520
Haliburton .....	63	18,900	300	3,780	306	93,636	306	18,727
Halton .....	1,218	462,840	380	92,568	428	159,644	373	31,929
Hastings .....	483	160,839	333	32,168	1,605	648,420	404	129,684
Huron .....	4,271	1,580,270	370	316,054	4,533	1,677,210	370	335,442
Kent .....	833	385,679	463	77,136	145	60,465	417	12,093
Lambton .....	895	240,755	269	48,151	143	34,606	242	6,921
Lanark .....	226	55,596	246	11,119	839	311,269	371	62,254
Leeds .....	300	122,700	409	24,540	784	350,448	447	70,089
Lennox & Addingt'n	154	42,350	275	8,470	191	60,738	318	12,148
Lincoln .....	317	116,339	367	23,268	166	65,404	394	13,081
Manitoulin .....	106	43,036	406	8,607	379	152,737	403	30,547
Middlesex .....	1,602	586,332	366	117,266	1,884	721,572	383	144,314
Muskoka .....	81	18,144	224	3,629	602	209,496	348	41,899
Nipissing .....	70	16,310	233	3,262	365	98,915	271	19,783
Norfolk .....	344	122,464	356	24,493	1,056	458,304	434	91,661
Northumberland ..	987	373,086	378	74,617	3,726	1,706,508	458	341,302
Ontario .....	3,061	1,374,389	449	274,878	9,098	4,576,294	503	915,259
Oxford .....	1,692	763,092	451	152,618	4,909	2,312,139	471	462,428
Parry Sound .....	70	17,500	250	3,500	1,061	401,058	378	80,212
Peel .....	950	302,100	318	60,420	1,015	311,605	307	62,321
Perth .....	3,095	1,275,140	412	255,028	3,371	1,567,515	465	313,503
Peterborough .....	909	289,062	318	57,812	2,275	991,900	436	198,380
Prescott .....	148	63,492	429	12,698	390	147,420	378	29,484
Prince Edward ....	194	64,602	333	12,921	101	35,350	350	7,070
Rainy R'r & Kenora.	37	9,028	244	1,806	170	62,730	369	12,546
Renfrew .....	245	99,225	405	19,845	603	243,009	403	48,602
Russell .....	130	60,970	469	12,194	660	322,080	488	64,416
Simcoe .....	3,486	1,579,158	453	315,832	5,645	2,551,540	452	510,308
Stormont .....	163	60,799	373	12,160	184	65,136	354	13,027
Sudbury .....	52	11,700	225	2,340	618	175,512	284	35,103
Thunder Bay .....	76	30,400	400	6,080	537	262,056	488	52,411
Timiskaming .....	36	9,000	250	1,800	431	103,871	241	20,774
Victoria .....	1,026	448,362	437	89,672	3,780	1,742,580	461	348,516
Waterloo .....	2,217	942,225	425	188,445	4,047	1,671,411	413	334,282
Welland .....	218	80,006	367	16,001	140	47,180	337	9,436
Wellington .....	3,270	1,399,560	428	279,912	8,981	4,239,032	472	847,806
Wentworth .....	911	309,740	340	61,948	1,656	650,808	393	130,162
York .....	3,543	1,569,549	443	313,910	4,864	2,106,112	433	421,222
The Province:								
1917 .....	49,148	19,492,626	397	3,898,525	93,034	39,989,556	430	7,997,911
1916 .....	42,793	9,756,015	228	1,365,842	91,670	24,067,699	263	3,369,478
1915 .....	50,799	25,356,323	498	2,028,505	97,451	46,598,851	478	4,659,885
Averages (10 years)								
1902-1911 .....	70,809	33,245,680	470	2,659,654	123,855	54,987,697	444	5,498,770
1892-1901 .....	39,984	17,864,726	447	1,429,178	147,080	63,424,431	431	6,342,443
1882-1891 .....	19,546	8,538,096	437	683,048	104,943	42,981,280	410	4,298,128
Average (36 years)								
1882-1917 .....	44,763	20,170,457	451	1,694,872	120,428	51,732,732	430	5,311,097



## SUGAR BEETS—MIXED GRAINS.

TABLE XIV.—Showing by County Municipalities of Ontario the area, produce and market value of Sugar Beets and Mixed Grains for the year 1917, together with the comparative totals for the Province for the past eight years, and the annual average for 1907-1917.

Counties and Districts.	Sugar Beets.				Mixed Grains.			
	Acres.	Bushels.	Per acre.	Market value.	Acres.	Bushels.	Per acre.	Market value.
				\$				\$
Algoma.....	20	6,500	325	1,300	581	19,057	32.8	23,821
Brant.....	281	99,755	355	19,951	9,126	349,526	38.3	397,761
Bruce.....	135	27,000	200	5,400	21,272	801,954	37.7	863,704
Carleton.....	247	82,992	336	16,598	9,269	365,199	39.4	381,633
Dufferin.....	195	62,205	319	12,441	15,090	565,875	37.5	574,929
Dundas.....	143	50,479	353	10,096	8,220	323,046	39.3	297,202
Durham.....	134	40,200	300	8,040	20,974	769,746	36.7	742,805
Elgin.....	135	34,290	254	6,858	7,282	254,142	34.9	266,849
Essex.....	1,516	410,836	271	82,167	3,123	131,478	42.1	143,048
Frontenac.....	196	46,648	238	9,329	3,188	105,523	33.1	125,150
Glengarry.....	66	13,200	200	2,640	3,276	95,659	29.2	102,451
Grenville.....	77	28,952	376	5,790	5,126	201,964	39.4	195,703
Haldimand.....	319	77,198	242	15,440	24,541	1,008,635	41.1	1,078,231
Haliburton.....	82	16,728	204	3,346	5,050	169,680	33.6	195,132
Halton.....	25	5,000	200	1,000	250	8,325	33.3	8,949
Hastings.....	85	28,900	348	5,780	9,896	420,580	42.5	431,095
Huron.....	205	57,605	281	11,521	6,500	195,650	30.1	221,671
Kent.....	285	82,365	289	16,473	28,389	1,095,815	38.6	1,131,977
Lambton.....	9,327	3,021,948	324	604,390	6,668	253,384	38.0	277,202
Lanark.....	1,901	621,627	327	124,325	11,282	437,742	38.8	437,742
Leeds.....	111	22,200	200	4,440	5,480	172,072	31.4	191,516
Lennox and Add..	137	49,868	364	9,974	5,078	185,347	36.5	194,614
Lincoln.....	224	55,328	274	11,066	7,325	243,190	33.2	281,371
Manitowlin.....	288	111,168	386	22,234	2,435	88,147	36.2	89,645
Middlesex.....	35	10,990	314	2,198	1,828	77,873	42.6	83,246
Muskoka.....	530	151,580	286	30,316	13,243	492,640	37.2	445,347
Nipissing.....	39	7,800	200	1,560	527	17,286	32.8	17,580
Norfolk.....	11	1,650	150	330	1,292	42,378	32.8	52,125
Northumberland..	135	39,285	291	7,857	4,559	147,256	32.3	163,454
Ontario.....	102	34,170	335	6,834	11,530	405,856	35.2	436,295
Oxford.....	144	46,800	325	9,360	29,393	1,202,174	40.9	1,262,283
Parry Sound.....	207	75,555	365	15,111	21,167	916,531	43.3	933,945
Peel.....	21	4,557	217	911	1,155	38,115	33.0	41,927
Perth.....	178	68,174	202	13,635	13,278	553,693	41.7	657,787
Peterborough....	859	326,420	380	65,284	21,581	930,141	43.1	858,520
Prescott.....	25	6,250	250	1,250	4,813	147,278	30.6	154,642
Prince Edward..	72	21,600	300	4,320	1,660	43,658	26.3	48,373
Rainy R. & Kenora	38	11,894	313	2,379	4,421	147,219	33.3	156,347
Renfrew.....	26	5,200	200	1,040	309	10,135	32.8	12,669
Russell.....	49	17,248	352	3,450	3,486	119,918	34.4	138,505
Simcoe.....	73	28,397	389	5,679	3,095	108,635	35.1	127,646
Stormont.....	427	155,428	364	31,086	28,382	1,118,251	39.4	1,167,454
Sudbury.....	125	33,250	266	6,650	2,477	89,667	36.2	92,447
Thunder Bay....	31	7,750	250	1,550	808	30,300	37.5	35,996
Timiskaming....	12	2,400	200	480	448	17,024	38.0	21,280
Victoria.....	18	3,600	200	720	386	14,668	38.0	18,335
Waterloo.....	78	31,200	400	6,240	14,952	514,349	34.4	576,585
Welland.....	1,990	431,830	217	86,366	24,725	989,000	40.0	922,737
Wellington.....	71	20,093	283	4,018	2,127	70,829	33.3	84,995
Wentworth.....	200	64,600	323	12,920	51,488	2,203,686	42.8	2,135,372
York.....	182	40,950	225	8,190	8,363	316,121	37.8	343,307
The Province:	227	79,450	350	15,890	24,679	1,076,004	43.6	1,233,101
1917.....	22,039	6,781,113	308	1,356,223	515,593	20,102,421	39.0	20,876,501
1916.....	22,482	6,023,938	268	843,351	485,986	13,297,354	27.4	12,485,065
1915.....	22,890	8,644,281	378	1,080,535	475,738	19,461,609	40.9	10,602,271
1914.....	18,534	7,466,819	403	933,352	456,631	16,854,550	36.9	10,074,687
1913.....	19,083	6,389,177	335	798,647	414,517	15,113,480	36.5	7,953,111
1912.....	21,054	7,819,066	371	977,383	448,402	16,382,161	36.5	8,674,724
1911.....	24,664	8,941,659	363	1,117,707	486,112	14,845,595	30.5	9,104,141
1910.....	26,879	11,238,577	418	1,348,629	497,936	18,261,803	36.7	9,187,822
Average (11 years) 1907-1917.....	21,067	7,777,090	369	1,011,366	468,599	15,997,285	34.9	10,367,254

## HAY AND CLOVER—ALL FIELD CROPS.

TABLE XV.—Showing by County Municipalities of Ontario the area, produce, and market value of Hay and Clover, and all field crops enumerated in Tables VII to XV for the year 1917, together with the comparative totals for the Province for 1915 and 1916, and the annual averages for various periods.

Counties and Districts.	Hay and Clover.				All Field Crops.		
	Acres.	Tons.	Per acre.	Market value.	Acres.	Value.	Per acre.
				\$		\$	\$ c.
Algoma.....	21,364	38,475	1.80	509,024	39,429	1,308,540	33 19
Brant.....	39,617	81,735	2.06	1,023,322	131,102	4,934,688	37 64
Bruce.....	141,736	257,763	1.82	2,605,984	367,480	11,153,771	30 35
Carleton.....	98,176	177,629	1.81	1,996,550	252,611	8,713,982	30 54
Dufferin.....	69,058	104,579	1.51	1,045,790	186,184	5,957,464	32 00
Dundas.....	50,455	102,148	2.02	1,106,263	121,538	4,183,752	34 42
Durham.....	58,510	106,118	1.81	1,333,903	208,074	7,088,201	34 07
Elgin.....	76,787	153,579	2.00	1,778,445	221,557	6,960,947	31 42
Essex.....	64,995	117,732	1.81	1,672,972	266,719	11,877,577	44 53
Frontenac.....	83,965	144,100	1.72	1,756,579	156,824	4,602,349	29 35
Glengarry.....	63,472	121,313	1.91	1,351,427	133,257	3,955,135	29 68
Grenville.....	49,308	87,871	1.78	1,054,452	112,926	3,975,785	35 21
Grey.....	175,682	310,133	1.77	3,275,004	447,457	14,172,513	31 67
Haldimand.....	80,440	160,588	2.00	1,827,491	169,958	4,459,395	26 24
Haliburton.....	13,117	15,194	1.16	225,631	26,222	720,016	27 46
Halton.....	45,593	94,842	2.08	1,249,069	118,292	4,376,987	37 00
Hastings.....	107,831	199,012	1.85	2,308,539	273,384	8,452,804	30 92
Huron.....	144,416	256,186	1.77	2,707,886	415,100	13,536,974	32 18
Kent.....	84,687	173,475	2.05	1,946,390	343,766	15,045,339	43 77
Lambton.....	112,620	235,643	2.09	2,639,202	303,734	10,240,981	33 72
Lanark.....	75,704	140,186	1.85	1,661,204	164,148	5,285,878	32 20
Leeds.....	73,545	138,637	1.89	1,757,917	155,800	5,401,906	34 67
Lennox & Addington ..	73,332	148,755	2.03	1,541,102	152,632	4,513,923	29 57
Lincoln.....	53,757	109,991	2.05	1,362,788	105,189	3,394,164	32 27
Manitoulin.....	20,110	40,805	2.03	401,521	36,949	1,150,990	31 15
Middlesex.....	129,706	264,615	2.04	3,040,426	359,478	11,952,948	33 25
Muskoka.....	27,958	48,671	1.74	610,334	47,482	1,397,928	29 44
Nipissing.....	22,720	42,492	1.87	529,875	42,185	1,380,042	32 71
Norfolk.....	61,347	104,230	1.70	1,253,887	203,318	6,144,008	30 32
Northumberland.....	72,216	147,588	2.04	1,748,918	219,547	7,249,028	33 02
Ontario.....	71,812	141,318	1.97	1,721,253	279,479	11,099,024	39 71
Oxford.....	87,382	174,402	2.00	2,181,769	275,081	10,142,694	36 87
Parry Sound.....	32,337	61,440	1.90	789,504	62,427	2,099,433	33 61
Peel.....	60,684	119,490	1.97	1,574,878	177,084	6,574,651	37 13
Perth.....	106,344	218,013	2.05	2,367,621	305,012	10,572,091	34 66
Peterborough.....	51,928	90,464	1.74	1,364,197	161,136	5,345,619	33 17
Prescott.....	78,229	137,042	1.75	1,469,090	149,364	3,987,846	26 70
Prince Edward.....	48,065	99,729	2.07	1,100,011	131,996	4,474,290	33 90
Rainy River & Kenora..	20,598	18,711	1.91	387,505	32,423	928,613	28 64
Renfrew.....	96,677	153,054	1.58	1,685,125	240,860	7,046,140	29 25
Russell.....	55,373	93,756	1.69	1,038,816	108,609	3,276,908	30 17
Simcoe.....	112,886	203,963	1.81	2,620,925	471,417	18,669,911	39 60
Stormont.....	45,669	94,423	2.07	1,019,768	99,914	3,462,062	34 65
Sudbury.....	24,897	39,586	1.59	505,513	43,337	1,427,991	32 95
Thunder Bay.....	13,506	14,094	1.04	281,880	25,042	1,038,477	41 47
Timiskaming.....	11,383	20,228	1.78	267,819	23,501	845,141	35 96
Victoria.....	52,864	93,489	1.77	1,188,245	192,483	6,660,632	34 60
Waterloo.....	54,767	110,405	2.02	1,449,618	199,985	7,399,570	37 00
Welland.....	58,978	108,359	1.84	1,480,184	127,044	3,941,748	31 03
Wellington.....	122,074	209,364	1.72	2,374,188	350,104	12,276,062	35 06
Wentworth.....	58,980	116,798	1.98	1,507,862	147,182	4,896,897	33 27
York.....	90,031	177,083	1.97	2,468,537	332,437	13,779,623	41 45
The Province:							
1917.....	3,547,688	6,619,296	1.87	78,166,203	9,718,259	333,353,438	34 30
1916.....	3,471,984	7,200,047	2.07	76,326,501	9,548,876	223,748,948	23 43
1915.....	3,231,752	4,253,763	1.32	61,704,769	9,762,951	210,674,415	21 58
Averages (10 years)							
1902-1911.....	3,072,288	4,722,662	1.54	47,093,908	9,233,879	156,824,689	16 98
1892-1901.....	2,520,783	3,650,840	1.45	29,085,813	8,494,796	106,139,762	12 49
1882-1891.....	2,290,495	3,102,733	1.35	32,086,445	7,517,606	116,195,708	15 48
Average (36 years)							
1882-1917.....	2,758,300	4,050,647	1.47	40,764,681	8,617,509	142,021,595	16 48



SUMMER FALLOW, PASTURE, ORCHARD, SMALL FRUITS, VINEYARD  
AND GARDEN.TABLE XVI.—Showing by County Municipalities of Ontario the area of Summer Fallow, Pasture,  
Orchard, Small Fruits, Vineyard and Garden for the year 1917.

Counties and Districts.	Summer fallow.	Pasture.	Orchard.	Small Fruits.	Vine- yard.	Garden.
	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Algoma .....	444	7,927	528	96	5	459
Brant .....	3,548	29,456	4,220	374	7	880
Bruce .....	15,978	153,562	8,476	439	42	1,594
Carleton .....	1,315	99,159	2,195	195	11	1,362
Dufferin .....	4,845	60,084	2,491	65	15	587
Dundas .....	552	45,119	2,364	104	30	670
Durham .....	5,303	68,338	10,499	345	54	1,064
Elgin .....	6,060	97,806	9,046	750	52	1,709
Essex .....	2,358	56,348	6,910	1,331	316	2,755
Frontenac .....	1,547	82,172	2,256	238	9	1,225
Glengarry .....	124	49,271	1,298	77	4	634
Grenville .....	469	60,262	1,567	54	17	641
Grey .....	11,965	173,345	12,536	335	99	1,768
Haldimand .....	11,820	39,961	5,279	362	58	978
Haliburton .....	119	14,971	152	15	.....	264
Halton .....	4,093	30,807	7,790	1,290	166	778
Hastings .....	2,445	121,881	9,887	401	56	1,860
Huron .....	6,805	187,790	13,017	376	40	1,643
Kent .....	4,783	96,075	6,707	709	51	2,180
Lambton .....	4,116	152,451	13,600	778	92	1,898
Lanark .....	1,321	122,966	1,577	68	25	791
Leeds .....	459	93,238	2,038	131	.....	1,035
Lennox and Addington .....	2,418	76,479	4,300	473	20	1,139
Lincoln .....	4,527	22,460	15,773	2,207	5,156	1,311
Manitoulin .....	297	9,528	277	54	.....	208
Middlesex .....	8,526	251,327	12,359	754	41	2,748
Muskoka .....	518	17,004	212	55	.....	668
Nipissing .....	107	11,260	38	24	.....	346
Norfolk .....	9,172	46,336	8,901	2,053	39	1,686
Northumberland .....	5,540	78,385	19,900	533	66	1,293
Ontario .....	3,559	71,829	6,730	597	56	1,428
Oxford .....	3,898	92,811	8,566	657	115	1,690
Parry Sound .....	1,192	18,415	144	18	6	508
Peel .....	7,356	59,543	5,637	565	35	832
Perth .....	7,474	109,478	6,068	218	21	1,279
Peterborough .....	4,113	67,158	2,754	195	10	1,005
Prescott .....	717	50,514	877	113	6	821
Prince Edward .....	1,268	44,567	10,508	533	.....	780
Rainy River and Kenora .....	443	6,881	7	22	.....	353
Renfrew .....	3,316	93,685	1,104	97	38	1,563
Russell .....	30	34,045	728	43	10	655
Simcoe .....	35,740	119,193	9,743	492	57	2,520
Stormont .....	130	46,549	1,480	41	31	556
Sudbury .....	1,448	9,464	17	27	.....	370
Thunder Bay .....	628	4,444	16	26	.....	419
Timiskaming .....	695	4,539	19	6	.....	271
Victoria .....	2,038	62,603	2,427	166	45	893
Waterloo .....	6,174	33,322	4,415	271	15	765
Welland .....	7,669	30,523	7,807	874	929	1,166
Wellington .....	6,815	98,613	5,909	284	40	1,287
Wentworth .....	5,706	32,883	10,898	1,380	1,972	1,333
York .....	10,696	63,118	8,279	653	25	1,629
The Province:						
1917 .....	232,679	3,509,945	280,326	21,964	9,882	58,297
1916 .....	331,736	3,409,581	280,653	22,817	9,807	57,107
1915 .....	226,217	3,350,420	288,825	23,443	10,276	57,774
1914 .....	268,714	3,302,503	298,627	23,863	10,850	58,167
1913 .....	268,487	3,120,146	306,764	24,360	11,136	55,029
1912 .....	278,317	3,082,671	310,096	24,699	11,634	56,716
1911 .....	279,220	3,116,768	303,188	25,360	11,586	58,748
1910 .....	254,038	3,159,712	298,347	24,384	11,390	57,982

## RATIOS OF AREAS UNDER CROP.

TABLE XVII.—Showing by County Municipalities of Ontario the number of acres under the various crops in 1917 per 1,000 acres of cleared land; together with the comparative average for the Province for 1915 and 1916, and the annual averages for various periods.

Counties and Districts.	Fall Wheat.	Spring Wheat.	Barley.	Oats.	Peas.	Beans.	Rye.	Buck-wheat.	Corn.	Potatoes.	*Other roots.	Hay and Clover.	Mixed Grains.
Algoma .....	9.4	31.5	31.7	198.8	12.8	0.5	0.7	3.5	6.3	24.8	13.6	407.6	11.1
Brant .....	120.5	0.4	46.0	153.8	1.1	9.8	23.7	6.7	62.0	12.5	22.7	220.9	50.9
Bruce .....	44.4	5.3	47.5	195.3	9.4	2.1	1.3	6.1	25.6	6.9	11.4	246.3	37.0
Carleton .....	2.0	23.4	17.1	240.3	3.5	6.4	1.4	13.1	59.8	12.5	8.5	262.4	24.8
Dufferin .....	8.1	14.9	56.4	218.2	3.6	0.4	18.5	7.2	9.8	11.0	13.2	244.5	53.4
Dundas .....	2.3	14.7	23.6	180.4	1.6	7.9	3.8	10.7	90.2	10.6	2.9	279.9	45.6
Durham .....	20.1	30.7	33.0	177.1	24.1	3.1	43.5	19.3	41.0	9.8	18.0	191.0	68.5
Elgin .....	75.9	0.1	16.3	142.2	2.2	23.7	3.7	10.7	95.9	8.5	2.1	212.9	20.2
Essex .....	79.7	1.3	24.9	183.5	0.1	5.1	3.4	4.3	236.9	8.0	6.7	181.3	8.7
Frontenac .....	3.2	9.3	21.1	161.8	1.4	4.3	7.6	10.4	36.9	12.6	4.0	328.5	12.5
Glenagarry .....	0.2	24.7	23.7	213.5	3.4	4.6	...	9.2	45.5	10.8	3.5	223.7	16.7
Grenville .....	0.2	8.9	8.4	184.8	1.1	5.6	4.8	22.9	57.8	12.9	2.8	261.6	27.2
Grey .....	26.0	8.5	40.3	218.8	7.6	1.1	1.4	5.7	24.3	7.8	10.4	250.0	34.9
Haldimand .....	97.7	1.8	36.4	158.3	3.3	2.2	1.6	6.7	33.8	5.0	2.0	332.1	20.9
Haliburton .....	1.3	5.5	14.7	198.2	3.0	0.5	6.7	10.3	15.2	17.1	9.4	287.6	5.5
Halton .....	50.6	10.2	50.5	184.5	1.9	2.7	3.4	6.7	35.0	8.1	10.2	264.2	57.3
Hastings .....	22.9	9.7	40.6	180.4	4.2	3.2	15.5	22.2	44.3	11.2	5.4	243.8	14.7
Huron .....	22.3	3.2	42.3	202.9	3.1	32.9	1.1	5.8	29.8	5.6	13.6	216.1	42.5
Kent .....	126.6	0.5	25.1	132.4	0.9	67.1	2.8	4.2	142.7	7.7	21.7	178.4	14.1
Lambton .....	74.3	0.3	27.9	152.1	1.4	0.3	0.6	0.8	78.0	5.5	5.8	221.0	22.1
Lanark .....	4.1	25.1	16.9	130.3	3.3	1.6	4.5	12.2	40.4	6.9	3.6	227.3	16.5
Leeds .....	3.6	8.2	13.4	175.3	1.6	2.9	2.5	11.8	51.3	10.2	4.6	272.1	18.8
Lennox & Addington .....	10.1	10.1	33.7	141.9	6.0	3.2	11.9	21.6	33.1	10.4	2.7	290.1	29.0
Lincoln .....	70.9	1.1	13.6	141.1	1.2	4.6	0.8	3.0	49.1	9.9	5.1	329.7	14.9
Manitoulin .....	7.2	39.9	31.8	145.8	28.8	0.5	3.8	2.2	19.7	12.0	10.8	405.2	36.8
Middlesex .....	60.2	0.6	23.8	151.8	0.9	7.5	1.1	2.2	63.5	8.6	6.2	195.5	19.9
Muskoka .....	0.1	9.1	12.2	198.0	6.8	0.5	2.3	3.6	9.9	16.8	11.3	398.4	7.6
Nipissing .....	0.6	28.0	17.8	208.4	17.1	0.9	2.6	1.7	3.5	21.8	8.3	388.4	22.1
Norfolk .....	117.5	0.2	18.5	155.3	5.0	8.6	39.4	28.9	93.4	12.0	5.6	216.3	16.1
Northumberland .....	23.2	22.3	28.6	171.1	6.9	5.3	35.2	30.6	42.5	10.0	14.0	207.3	33.1
Ontario .....	20.8	25.9	55.3	214.3	11.5	2.2	22.8	17.6	50.3	13.1	32.2	187.7	76.9
Oxford .....	53.3	0.5	31.7	200.2	0.9	1.2	5.8	5.7	93.0	5.9	17.0	217.8	52.8
Parry Sound .....	0.6	16.9	15.8	240.2	21.1	0.4	2.9	2.6	4.7	18.6	13.9	377.4	13.5
Peel .....	27.8	12.0	78.6	201.9	4.7	1.1	10.2	5.1	31.9	9.4	8.5	230.2	50.4
Perth .....	22.8	2.8	56.8	232.9	2.2	1.1	0.8	3.0	44.3	6.5	16.2	233.9	47.5
Peterborough .....	29.3	20.2	44.2	197.4	18.4	1.5	16.5	14.2	34.5	8.9	12.4	197.7	18.3
Prescott .....	0.1	22.4	15.8	219.9	3.1	4.2	0.2	7.2	41.6	12.7	3.0	371.9	7.9
Prince Edward .....	30.6	11.8	50.3	131.0	22.4	14.0	30.6	40.1	57.9	9.0	1.9	241.5	22.2
Rainy R'r & Kenora .....	2.2	46.3	32.5	162.1	2.7	0.2	1.2	0.6	1.3	23.1	6.6	498.6	7.5
Renfrew .....	2.7	90.4	15.8	184.7	29.3	2.5	18.0	6.5	19.5	10.8	2.6	363.0	9.5
Russell .....	0.5	19.2	24.8	205.2	5.5	4.4	0.3	8.8	44.5	9.5	5.9	363.0	20.3
Simcoe .....	80.8	10.3	86.1	209.9	8.1	2.5	23.7	15.2	25.6	12.7	14.3	167.2	42.0
Stormont .....	0.4	17.7	16.8	184.3	2.9	4.2	0.5	19.2	65.4	12.3	3.2	288.4	15.7
Sudbury .....	1.3	27.5	19.8	181.5	15.0	1.2	1.9	3.2	1.7	26.7	13.0	413.3	13.4
Thunder Bay .....	1.5	23.3	21.7	189.2	4.6	...	7.3	0.5	...	48.3	19.0	384.1	12.7
Timiskaming .....	1.7	49.0	34.4	162.5	42.5	1.2	0.2	1.0	0.1	21.8	14.5	319.0	10.8
Victoria .....	20.1	25.8	60.8	220.5	14.9	1.6	9.0	15.2	41.2	7.6	17.1	183.9	52.0
Waterloo .....	74.1	2.5	45.9	233.1	2.3	1.6	12.1	7.7	52.5	10.5	32.7	215.9	97.5
Welland .....	93.3	0.5	11.4	144.1	0.6	16.0	3.2	6.2	62.6	12.6	2.7	315.9	11.4
Wellington .....	12.5	6.8	41.4	213.2	5.5	1.7	3.0	7.3	25.5	9.1	24.9	242.7	102.4
Wentworth .....	63.0	1.5	32.1	192.5	1.2	2.2	5.5	6.8	39.8	16.2	13.2	276.2	39.1
York .....	48.7	24.0	84.8	227.3	6.3	2.8	10.3	16.5	42.7	13.8	20.1	205.7	56.4
The Province:													
1917 .....	39.8	12.4	37.4	187.6	6.1	7.5	9.0	10.4	52.3	10.0	11.4	240.9	35.0
1916 .....	47.9	9.8	35.9	183.0	6.5	3.7	10.1	15.6	47.5	9.5	10.8	236.2	33.1
1915 .....	55.5	11.1	37.8	196.4	8.7	4.3	11.9	13.2	51.5	11.9	11.9	221.0	32.5
Average (10 yrs) .....	51.3	13.0	50.7	192.8	27.7	3.6	8.0	9.4	40.1	10.9	15.8	219.0	†33.1
1902-1911 .....	73.2	28.0	39.2	180.2	60.5	4.1	10.1	10.3	35.5	12.9	15.6	198.2	.....
1892-1901 .....	81.6	50.9	67.2	150.4	60.5	2.4	9.4	6.2	17.7	14.0	12.2	207.1	.....
Average (36 years) .....	63.8	25.5	49.4	178.2	41.2	3.6	9.2	9.7	35.2	12.2	15.0	213.2	†33.8
1882-1917 .....													

\*Including Sugar Beets.

† Average for 5 years.

‡ Average for 11 years.



## MARKET PRICES.

TABLE XVIII.—The following table shows by counties the average prices of agricultural products for 1917, together with the average price for 1915 and 1916, and the annual averages for various periods.

Counties and Districts.	Fall Wheat, per bush.	Spring Wheat, per bush.	Barley, per bush.	Oats, per bush.	Peas, per bush.	Beans, per bush.	Rye, per bush.	Buckwheat, per bush.	Corn (in ear) per bush.	Hay, per ton.	Potatoes, per bush.
	cts.	cts.	cts.	cts.	cts.	\$ c.	cts.	cts.	cts.	\$ c.	cts.
Algoma.....	210.8	209.0	124.6	83.0	285.2	7 00	160.0	135.0	125.0	13 23	134.0
Brant.....	210.7	210.0	121.8	77.9	261.0	6 90	170.6	149.6	112.4	12 52	140.1
Bruce.....	208.6	203.6	124.5	78.2	337.1	7 50	163.1	137.4	140.0	10 11	107.1
Carleton.....	206.5	213.8	127.9	82.4	308.8	6 56	147.5	137.9	118.3	11 24	119.9
Dufferin.....	205.1	205.3	124.7	74.9	330.0	6 75	167.0	140.5	125.0	10 00	115.7
Dundas.....	205.3	208.0	135.6	83.9	247.5	6 35	146.4	141.4	129.2	10 83	111.3
Durham.....	213.1	209.8	128.6	76.8	329.8	6 66	171.3	149.3	116.7	12 57	129.5
Elgin.....	210.6	210.0	132.3	78.3	285.0	7 02	155.0	150.4	111.8	11 58	146.0
Essex.....	209.9	210.0	126.0	74.9	250.0	7 52	157.5	160.5	119.4	14 21	140.7
Frontenac.....	213.4	212.7	137.1	79.0	285.4	6 39	156.0	145.0	143.3	12 19	125.7
Glengarry.....	210.0	207.2	133.5	83.9	274.6	6 30	.....	130.3	114.0	11 14	132.4
Grenville.....	210.0	212.3	154.3	84.4	247.7	6 39	162.3	142.0	158.3	12 00	114.7
Grey.....	209.0	208.3	121.9	76.7	350.8	7 21	163.3	144.3	123.3	10 56	113.0
Haldimand.....	208.1	210.0	120.9	77.9	294.4	7 15	161.2	155.4	116.7	11 38	140.3
Haliburton.....	215.1	209.5	136.0	84.4	286.5	6 90	143.8	135.6	140.0	14 85	103.5
Halton.....	212.1	207.6	127.0	77.0	327.0	7 63	171.3	147.8	133.3	13 17	135.7
Hastings.....	209.4	206.1	132.4	80.1	292.4	6 93	155.6	142.5	142.1	11 60	127.0
Huron.....	209.6	206.7	118.6	74.6	315.1	6 78	143.3	134.4	125.9	10 57	117.4
Kent.....	209.6	209.7	132.4	80.1	300.0	6 97	173.0	150.4	130.3	11 22	138.1
Lambton.....	208.0	208.8	117.0	72.0	283.3	7 12	160.0	140.0	110.0	11 20	132.9
Lanark.....	210.0	214.6	136.4	81.1	293.9	6 41	153.4	128.4	126.2	11 85	109.8
Leeds.....	213.3	215.6	137.0	83.0	268.6	6 28	159.0	143.9	125.8	12 68	115.2
Lennox & Addington.....	207.2	210.1	130.6	76.3	281.2	6 57	154.4	144.3	118.5	10 36	121.3
Lincoln.....	211.1	215.9	122.6	78.3	318.8	7 69	160.0	145.0	142.0	12 39	142.2
Manitoulin.....	200.0	200.0	127.5	72.2	317.2	6 50	137.5	150.0	125.0	9 84	107.3
Middlesex.....	208.9	213.1	118.2	73.6	290.8	7 19	150.0	146.4	153.8	11 49	134.7
Muskoka.....	208.2	210.7	139.2	84.7	298.5	6 00	165.0	150.0	125.0	12 54	112.2
Nipissing.....	216.9	215.4	129.1	85.8	328.3	6 81	156.0	139.2	110.0	12 47	126.2
Norfolk.....	210.5	212.5	124.6	77.8	285.0	7 50	168.1	150.4	119.7	12 03	134.0
Northumberland.....	209.4	207.2	131.1	81.4	310.5	6 80	166.4	146.8	120.0	11 85	120.2
Ontario.....	208.2	207.8	128.0	77.8	320.2	6 75	162.9	143.1	124.2	12 18	117.9
Oxford.....	209.6	215.6	121.2	79.5	261.9	7 43	161.0	149.6	120.7	12 51	143.5
Parry Sound.....	200.0	207.8	126.9	81.3	284.2	6 00	151.0	125.0	125.0	12 85	115.6
Peel.....	210.4	204.7	127.7	76.6	346.5	6 58	163.0	146.7	125.0	13 18	130.0
Perth.....	210.0	206.7	117.9	75.4	283.0	7 55	150.0	127.5	114.3	10 86	132.4
Peterborough.....	212.0	208.8	131.0	79.4	330.8	6 51	157.5	138.8	140.0	15 08	129.3
Prescott.....	212.5	216.5	142.8	86.3	344.4	6 69	162.5	150.4	142.8	10 72	132.1
Prince Edward.....	209.9	206.8	125.5	76.4	285.2	6 62	162.0	148.6	122.5	11 03	119.3
Rainy R. & Kenora.....	207.1	209.5	134.3	90.8	316.7	6 00	175.0	140.0	100.0	20 71	102.1
Renfrew.....	211.6	214.4	114.5	76.6	347.4	6 47	149.2	121.7	127.8	11 01	117.2
Russell.....	210.0	210.0	142.0	82.7	334.4	6 06	150.0	139.6	118.3	11 08	135.2
Simcoe.....	208.7	208.5	124.5	74.2	340.2	6 96	163.6	139.9	100.0	12 85	107.3
Stormont.....	220.7	210.6	139.4	85.6	326.4	6 53	166.7	143.1	120.5	10 80	131.2
Sudbury.....	208.3	212.2	141.6	88.2	315.9	6 00	144.0	145.0	100.0	12 77	125.0
Thunder Bay.....	200.0	204.1	129.4	87.5	348.0	.....	168.0	140.0	.....	20 00	120.8
Timiskaming.....	210.0	203.6	132.3	84.8	340.2	6 00	160.0	140.0	.....	13 24	136.0
Victoria.....	207.1	204.1	125.7	75.5	307.0	7 04	160.6	137.8	140.0	12 71	110.6
Waterloo.....	212.9	212.0	123.3	76.4	300.0	7 40	167.5	135.7	126.7	13 13	140.4
Welland.....	214.7	208.1	126.8	77.9	266.7	8 59	148.8	155.5	129.4	13 66	159.0
Wellington.....	206.7	202.9	125.8	77.6	314.4	7 08	149.0	136.2	115.0	11 34	121.7
Wentworth.....	213.6	211.0	124.1	80.4	300.0	7 38	164.0	139.4	127.5	12 91	147.4
York.....	212.1	208.4	131.3	77.1	326.5	7 16	167.1	150.8	118.9	13 94	130.0
The Province:											
1917.....	209.8	209.7	125.7	77.9	321.0	6 91	162.6	142.9	124.0	11.81	123.2
1916.....	161.3	162.2	101.9	66.0	210.5	5 46	118.8	109.0	74.3	10 60	130.1
1915.....	97.1	98.6	56.0	39.5	161.6	3 11	78.9	71.5	45.4	14 51	81.4
Averages (10 years)											
1902-1911.....	83.6	81.2	50.1	36.7	74.8	1 48	60.2	52.4	38.2	9 97	51.4
1892-1901.....	67.8	67.5	38.5	27.9	53.5	93	44.9	38.7	25.0	7 97	33.6
1882-1891.....	90.0	89.6	54.5	34.3	61.6	1 16	60.0	41.5	.....	10.34	45.0
Average (36 years)											
1882-1917.....	86.6	85.4	53.2	37.1	64.5	1 66	62.9	54.4	*36.5	10.06	48.5

\*Average for 26 years, 1892-1917.

## HORSES AND

TABLE XIX.—Showing by County Municipalities the number and value of Horses and Cattle June 30th, 1917, together with the totals

Counties and Districts.	Horses all ages.				Cattle.	
	Number on hand.	Value.	Horses sold.		Milch cows on Hand.	
			Number.	Value.	Number.	Value.
		\$		\$		\$
Algoma .....	3,356	453,060	294	35,280	4,596	331,464
Brant .....	9,841	1,289,171	702	96,876	13,850	1,213,122
Bruce .....	28,181	3,607,168	4,162	603,490	30,442	2,388,479
Carleton .....	18,983	2,619,654	1,909	269,169	36,872	2,725,578
Dufferin .....	13,091	1,675,648	1,856	261,696	14,184	1,132,592
Dundas .....	9,587	1,207,962	805	102,235	26,424	1,880,068
Durham .....	15,289	2,002,859	1,766	245,474	16,956	1,260,848
Elgin .....	19,257	2,464,896	2,324	311,416	27,449	2,293,364
Essex .....	24,075	3,129,750	2,358	308,898	18,358	1,349,497
Frontenac .....	10,965	1,304,835	748	89,760	24,988	1,675,945
Glengarry .....	10,395	1,268,190	1,095	140,160	24,209	1,681,315
Grenville .....	7,806	983,556	704	93,632	17,889	1,301,067
Grey .....	32,558	4,167,424	4,251	578,136	38,257	2,881,135
Haldimand .....	13,813	1,781,877	1,245	178,035	14,876	1,185,468
Haliburton .....	1,763	225,664	202	24,240	3,250	211,575
Halton .....	9,300	1,190,400	740	101,380	10,910	896,257
Hastings .....	19,779	2,511,933	1,809	222,507	40,207	2,661,703
Huron .....	34,468	4,618,712	5,038	750,662	34,910	2,809,557
Kent .....	28,965	3,765,450	2,713	371,681	22,728	1,750,511
Lambton .....	25,998	3,327,744	3,565	509,795	29,873	2,368,331
Lanark .....	12,207	1,586,910	1,394	190,978	23,186	1,650,843
Leeds .....	11,968	1,436,160	728	82,264	34,209	2,316,633
Lennox & Addington.....	11,100	1,276,500	846	98,982	21,542	1,411,001
Lincoln .....	9,500	1,187,500	799	95,880	9,032	735,205
Manitoulin .....	2,716	339,500	302	38,052	3,814	280,024
Middlesex .....	35,704	4,641,520	4,993	709,006	47,221	3,898,094
Muskoka .....	3,605	504,700	245	31,850	5,579	384,170
Nipissing .....	2,504	383,112	266	36,974	4,528	298,984
Norfolk .....	16,171	1,989,033	1,407	175,875	19,761	1,541,951
Northumberland .....	18,439	2,249,558	1,911	225,498	24,722	1,766,881
Ontario .....	22,801	3,032,533	2,888	410,096	24,577	2,104,529
Oxford .....	22,871	2,950,359	2,324	323,036	48,248	3,893,614
Parry Sound.....	4,049	579,007	255	32,385	6,200	446,276
Peel .....	14,436	1,905,552	1,812	260,928	18,558	1,461,814
Perth .....	26,129	3,501,286	3,445	502,970	34,820	2,898,069
Peterborough .....	12,989	1,662,592	1,328	169,984	19,450	1,331,936
Prescott .....	8,450	1,098,500	907	120,631	20,397	1,371,086
Prince Edward.....	9,559	1,137,521	640	77,440	14,927	1,041,158
Rainy River & Kenora...	2,331	398,601	235	42,065	2,350	181,655
Renfrew .....	15,834	2,248,428	1,585	231,410	25,465	1,573,482
Russell .....	7,670	1,004,770	770	105,490	17,160	1,156,584
Simcoe .....	37,104	4,971,936	3,850	539,000	38,788	2,850,142
Stormont .....	7,991	998,875	780	102,960	23,855	1,631,205
Sudbury .....	2,537	385,624	296	39,664	4,669	324,402
Thunder Bay .....	1,728	293,760	128	16,384	2,704	245,280
Timiskaming .....	1,650	273,900	165	24,750	1,702	154,201
Victoria .....	14,792	1,908,168	1,622	222,214	17,844	1,328,843
Waterloo .....	14,162	1,770,250	1,478	186,228	17,744	1,432,296
Welland .....	10,501	1,323,126	713	87,699	11,981	925,412
Wellington .....	26,622	3,460,860	2,846	398,440	28,291	2,390,872
Wentworth .....	13,054	1,749,236	964	127,248	14,414	1,217,406
York .....	27,229	3,594,228	2,986	441,928	30,372	2,532,417
The Province:						
1917 .....	765,873	99,439,558	83,194	11,442,831	1,069,338	80,774,341
1916 .....	775,732	101,434,391	78,119	10,684,992	1,045,029	69,337,793
1915 .....	779,131	107,982,037	75,527	11,003,822	1,022,518	62,196,964
1914 .....	774,544	112,576,793	80,872	12,480,960	1,006,703	57,396,788
1913 .....	751,726	113,240,047	96,841	15,507,934	1,032,039	52,176,881



## CATTLE.

on hand July 1, 1917, and the number and value of those sold or slaughtered in the year ending for the Province for the past five years.

Cattle.						Counties and Districts.
Other cattle on hand.		Total on hand.		Sold or slaughtered.		
Number.	Value.	Number.	Value	Number.	Value.	
	\$		\$		\$	
7,532	233,793	12,128	565,257	3,201	144,909	Algoma.
20,625	888,731	34,475	2,101,853	11,770	746,453	Brant.
78,317	3,588,485	108,759	5,976,964	37,711	2,729,522	Bruce.
48,087	1,740,749	84,959	4,466,327	25,148	1,244,072	Carleton.
34,388	1,485,905	48,572	2,618,497	14,921	990,307	Dufferin.
17,828	553,738	44,252	2,433,806	9,290	429,198	Dundas.
35,448	1,468,965	52,404	2,729,813	16,878	1,110,572	Durham.
42,885	1,381,287	70,334	4,274,651	27,547	1,683,122	Elgin.
28,857	1,134,946	47,215	2,484,443	16,952	855,228	Essex.
25,629	793,730	50,617	2,469,675	13,379	586,803	Frontenac.
19,704	645,503	43,913	2,326,818	9,148	378,178	Glengarry.
16,580	544,819	34,469	1,845,886	8,961	375,466	Grenville.
88,608	3,815,460	126,865	6,696,595	40,744	2,797,076	Grey.
25,294	1,080,307	40,170	2,265,775	13,935	835,264	Haldimand.
6,433	201,417	9,683	412,992	2,877	117,468	Haliburton.
22,229	1,015,865	33,139	1,912,122	10,797	756,330	Halton.
50,978	1,364,171	91,185	4,025,874	25,898	978,426	Hastings.
92,285	4,212,810	127,195	7,022,367	43,081	3,023,855	Huron.
56,526	2,541,409	79,254	4,291,920	28,649	1,873,645	Kent.
73,086	3,376,573	102,959	5,744,904	36,604	2,430,506	Lambton.
45,139	1,565,872	68,325	3,216,715	20,370	1,037,240	Lanark.
29,702	832,844	63,911	3,149,477	16,686	669,943	Leeds.
27,361	879,109	48,903	2,290,110	13,589	560,546	Lennox & Addington.
10,913	433,464	19,945	1,168,669	7,511	414,757	Lincoln.
9,134	287,173	12,948	567,197	3,993	214,704	Manitoulin.
95,644	4,372,844	142,865	8,270,938	53,405	3,179,734	Middlesex.
9,674	315,372	15,253	699,542	4,459	189,597	Muskoka.
8,074	230,836	12,602	529,820	3,146	139,053	Nipissing.
24,239	843,032	44,000	2,384,983	15,637	707,574	Norfolk.
38,409	1,315,508	63,131	3,082,389	20,059	998,336	Northumberland.
52,590	2,236,127	77,167	4,340,656	24,962	1,800,259	Ontario.
43,173	1,846,509	91,421	5,740,123	27,902	1,666,307	Oxford.
13,581	474,656	19,781	920,932	5,557	271,293	Parry Sound.
30,487	1,396,609	49,045	2,858,423	17,613	1,177,077	Peel.
67,640	2,930,841	102,460	5,828,910	33,984	2,199,784	Perth.
35,272	1,130,468	54,722	2,462,404	15,000	749,550	Peterborough.
18,863	477,611	39,260	1,848,697	9,701	343,706	Prescott.
14,092	467,150	29,019	1,508,308	8,632	331,641	Prince Edward.
4,454	158,072	6,804	339,727	2,256	116,635	Rainy River & Kenora.
50,830	1,534,558	76,295	3,108,040	21,184	967,897	Renfrew.
16,840	511,936	34,000	1,668,520	9,820	397,317	Russell.
82,666	3,095,842	121,454	5,945,984	37,533	2,345,062	Simcoe.
15,600	532,428	39,455	2,163,633	7,488	313,223	Stormont.
7,001	192,528	11,670	516,930	3,803	172,276	Sudbury.
3,944	134,806	6,648	380,086	1,832	73,188	Thunder Bay.
2,481	82,394	4,183	236,595	1,485	83,962	Timiskaming.
42,589	1,648,620	60,433	2,977,463	18,453	1,054,589	Victoria.
28,840	1,101,688	46,584	2,533,984	20,121	1,403,842	Waterloo.
16,081	628,124	28,062	1,553,536	9,507	480,959	Welland.
63,955	2,626,632	92,246	5,017,504	33,639	2,521,243	Wellington.
20,009	858,786	34,423	2,076,192	13,514	707,863	Wentworth.
37,675	1,724,385	68,047	4,256,802	22,852	1,518,058	York.
1,758,271	69,535,487	2,827,609	150,309,828	903,184	52,893,615	The Province:
1,689,738	58,986,733	2,734,767	128,324,526	878,540	46,987,563	1917.
1,652,228	53,166,372	2,674,746	115,363,336	875,394	43,678,233	1916.
1,597,925	49,238,360	2,604,628	106,635,148	911,794	42,978,531	1915.
1,596,806	43,582,141	2,628,845	95,759,022	880,303	38,751,801	1914.
						1913.

## SHEEP, SWINE

TABLE XX.—Showing by County Municipalities the number and value of Sheep, Swine and year ending June 30, 1917, together with the

Counties and Districts.	Sheep and Lambs.				Swine.	
	Number on hand.	Value.	Sold or slaughtered.		Number on hand.	Value.
			Number.	Value.		
Algoma .....	10,175	\$ 82,621	4,133	\$ 27,278	3,732	\$ 49,076
Brant .....	10,165	130,010	5,374	56,158	22,491	312,400
Bruce .....	39,911	423,057	19,956	176,810	53,479	703,249
Carleton .....	28,570	281,986	13,829	124,738	27,064	361,846
Dufferin .....	26,847	303,103	12,540	123,143	30,718	408,242
Dundas .....	5,736	55,639	3,117	27,211	23,558	311,672
Durham .....	27,722	309,100	11,781	121,698	36,045	404,406
Elgin .....	19,851	209,428	11,483	106,447	50,461	653,470
Essex .....	21,506	200,436	9,688	76,923	113,930	1,225,887
Frontenac .....	17,578	154,159	10,487	84,211	19,773	256,654
Glengarry .....	7,070	66,670	3,616	28,783	15,737	220,318
Grenville .....	10,856	101,829	6,113	50,004	16,248	215,286
Grey .....	64,035	696,060	33,175	311,845	61,646	791,535
Haldimand .....	18,789	199,163	9,057	93,106	23,587	308,046
Haliburton .....	5,730	47,903	2,225	15,864	2,069	27,869
Halton .....	10,462	122,196	4,916	50,438	18,240	235,119
Hastings .....	30,854	265,961	14,810	111,075	45,683	602,559
Huron .....	27,075	312,987	12,681	125,796	70,105	880,519
Kent .....	24,298	261,932	11,631	118,404	108,800	1,240,035
Lambton .....	27,290	291,184	14,040	134,784	61,170	765,848
Lanark .....	32,160	319,992	16,275	144,685	21,750	272,310
Leeds .....	14,071	128,046	6,565	51,667	25,749	329,330
Lennox and Addington .....	13,324	106,592	6,179	45,848	21,702	289,505
Lincoln .....	5,676	66,239	3,133	29,732	13,709	189,184
Manitoulin .....	21,471	190,662	9,183	68,413	4,726	53,120
Middlesex .....	25,173	331,025	12,722	147,957	60,226	844,369
Muskoka .....	11,850	100,251	5,656	41,063	2,807	38,007
Nipissing .....	7,065	58,357	3,374	23,416	4,902	61,324
Norfolk .....	14,370	150,310	7,090	62,534	33,000	430,650
Northumberland .....	17,033	186,000	8,031	69,709	34,777	472,272
Ontario .....	35,700	420,189	17,380	168,934	53,847	731,242
Oxford .....	9,530	103,401	5,027	47,907	51,546	711,850
Parry Sound .....	18,510	157,520	8,197	59,100	5,885	73,739
Peel .....	11,451	135,351	5,522	52,735	25,467	333,618
Perth .....	14,186	165,551	6,877	69,733	66,672	888,071
Peterborough .....	16,581	161,996	6,938	59,806	22,774	284,447
Prescott .....	4,319	39,217	3,670	31,929	13,725	192,699
Prince Edward .....	8,662	92,597	4,275	33,944	15,955	212,202
Rainy River and Kenora .....	1,830	18,849	1,213	11,584	2,537	33,285
Renfrew .....	54,117	470,818	23,231	191,888	23,908	327,301
Russell .....	3,868	34,503	2,064	17,565	14,680	195,538
Simcoe .....	56,634	578,799	26,141	242,850	83,812	1,034,240
Stormont .....	3,874	38,508	2,280	17,693	18,150	237,947
Sudbury .....	5,418	48,762	2,232	17,594	4,568	63,038
Thunder Bay .....	1,010	11,070	392	2,909	3,730	46,588
Timiskaming .....	1,425	16,060	514	5,140	2,023	29,880
Victoria .....	26,782	253,626	12,033	103,484	35,084	467,319
Waterloo .....	6,856	73,222	3,331	33,044	40,338	522,780
Welland .....	7,595	68,203	4,193	32,957	13,431	178,229
Wellington .....	38,260	506,562	17,967	201,410	64,660	859,978
Wentworth .....	10,425	122,702	5,226	55,709	22,947	321,487
York .....	23,240	275,626	11,963	133,148	57,416	764,781
The Province:						
1917 .....	956,986	9,946,030	463,576	4,240,803	1,664,639	21,464,366
1916 .....	908,066	7,386,710	475,406	3,588,522	1,735,254	18,790,755
1915 .....	908,095	6,403,907	489,320	3,289,701	1,769,295	17,562,726
1914 .....	922,375	6,155,451	512,066	3,219,409	1,770,533	17,951,258
1913 .....	996,155	6,242,672	534,311	3,163,752	1,618,734	15,393,192



## AND POULTRY.

Poultry on hand on July 1, 1917, and the number and value of those sold or slaughtered in the totals for the Province for the past five years.

Swine.		Poultry of all classes.				Counties and Districts.
Sold or slaughtered.		Number on hand.	Value.	Sold or slaughtered.		
Number.	Value.			Number.	Value.	
	\$		\$		\$	
5,872	96,829	58,660	39,544	30,342	21,846	Algoma.
31,646	641,781	152,300	94,176	77,690	54,383	Brant.
77,549	1,565,714	477,022	257,949	230,238	145,050	Bruce.
34,933	681,194	319,906	217,040	189,571	142,178	Carleton.
37,915	763,608	183,984	117,242	91,462	64,023	Dufferin.
27,078	467,908	227,472	143,967	102,383	69,620	Dundas.
41,301	833,867	284,404	187,085	133,802	96,337	Durham.
69,165	1,305,835	383,708	237,043	200,323	124,200	Elgin.
115,813	2,173,810	662,460	372,128	303,506	182,104	Essex.
23,996	437,687	184,209	126,880	110,973	74,352	Frontenac.
17,834	346,871	174,580	115,119	95,849	64,219	Glengarry.
19,260	327,998	163,063	106,106	88,054	60,757	Grenville.
85,687	1,723,166	515,397	303,434	244,044	153,748	Grey.
34,266	656,537	237,517	147,411	132,602	86,191	Haldimand.
3,254	59,874	27,982	17,252	12,125	7,518	Haliburton.
25,473	501,054	161,401	115,256	99,542	74,657	Halton.
54,566	1,049,304	344,404	217,092	163,225	106,096	Hastings.
102,223	2,019,926	658,107	399,111	286,802	180,685	Huron.
118,408	2,312,508	640,457	341,404	292,148	169,446	Kent.
75,825	1,477,829	545,719	331,452	268,464	166,448	Lambton.
27,505	505,542	193,621	120,932	89,695	60,993	Lanark.
32,418	582,876	200,529	123,072	104,804	67,075	Leeds.
27,845	536,852	206,295	134,265	105,800	71,944	Lennox & Addington.
22,478	410,448	181,511	118,966	117,364	84,502	Lincoln.
5,090	85,054	40,098	24,706	21,499	13,544	Manitoulin.
84,429	1,597,397	705,099	451,597	336,386	225,379	Middlesex.
5,210	83,256	64,259	38,638	35,660	22,109	Muskoka.
4,775	84,470	46,305	27,709	24,520	16,183	Nipissing.
46,417	862,428	309,931	180,733	156,567	92,375	Norfolk.
47,256	928,108	322,388	214,598	151,170	105,819	Northumberland.
66,921	1,394,634	358,928	255,054	185,286	138,965	Ontario.
69,542	1,415,875	395,159	244,450	173,123	110,799	Oxford.
7,900	127,585	62,811	40,387	31,840	20,696	Parry Sound.
33,112	652,306	214,014	159,093	137,197	109,758	Peel.
91,436	1,875,352	458,223	266,203	202,642	127,664	Perth.
30,451	577,351	223,565	147,124	107,112	72,836	Peterborough.
13,204	299,071	151,590	99,928	84,497	54,923	Prescott.
20,964	394,123	156,718	98,800	78,009	52,266	Prince Edward.
3,332	53,812	47,289	29,205	20,891	14,415	Rainy River and Kenora.
22,876	439,219	228,386	147,703	109,491	71,169	Renfrew.
16,160	292,173	123,807	78,849	74,419	51,349	Russell.
105,392	2,113,110	570,359	352,651	270,937	184,237	Simcoe.
21,572	416,340	161,745	104,068	76,999	51,589	Stormont.
4,293	85,602	51,777	32,935	29,926	19,452	Sudbury.
3,900	60,216	45,101	28,458	20,627	14,233	Thunder Bay.
2,555	39,347	30,736	19,659	15,060	10,542	Timiskaming.
42,895	845,032	230,940	151,032	107,859	71,187	Victoria.
53,361	1,074,157	231,437	137,297	103,632	67,361	Waterloo.
17,918	319,299	198,094	127,723	123,219	82,557	Welland.
93,838	1,848,609	374,800	240,453	190,841	137,406	Wellington.
31,562	631,240	204,121	137,035	115,695	86,771	Wentworth.
79,328	1,534,997	413,904	297,181	250,619	200,495	York.
						The Province:
2,137,999	41,609,181	13,606,292	8,517,195	6,806,531	4,554,451	1917.
2,105,621	33,671,966	14,377,844	7,933,157	6,774,884	4,226,038	1916.
2,110,936	31,628,772	14,273,091	7,670,326	6,764,069	4,161,695	1915.
1,984,105	30,275,538	14,175,214	7,551,428	6,575,434	4,062,797	1914.
2,078,462	28,378,551	13,511,383	6,956,952	6,325,007	3,848,973	1913.

## WOOL CLIP, POULTRY ON HAND AND LIVE STOCK SOLD.

TABLE XXI. Showing by County Municipalities the number of pounds of wool, the number of turkeys, geese, ducks and other fowls on hand June 30th, 1917; also the value of all live stock sold or killed in the year ending June 30, 1917, together with the totals for the Province for the past five years.

Counties and Districts.	Wool Clip.	Poultry on Hand.				Total value of Live Stock sold or killed.
		Turkeys.	Geese.	Ducks.	Other fowl.	
	lbs.	No.	No.	No.	No.	\$
Algoma .....	38,592	3,326	1,086	618	53,630	326,142
Brant .....	42,796	521	3,342	4,590	143,847	1,595,651
Bruce .....	146,439	26,198	17,213	23,123	416,488	5,220,586
Carleton .....	97,832	10,659	13,999	10,083	285,165	2,461,351
Dufferin .....	107,236	2,419	14,497	6,607	160,461	2,202,777
Dundas .....	23,907	13,653	6,206	5,168	202,445	1,096,172
Durham .....	111,320	5,952	10,014	11,432	257,006	2,407,948
Elgin .....	80,903	16,035	7,460	10,770	349,443	3,531,020
Essex .....	88,641	11,429	15,542	24,409	611,080	3,596,963
Frontenac .....	68,836	17,895	3,910	5,831	156,573	1,272,813
Glengarry .....	21,847	14,446	3,204	2,861	154,069	958,211
Grenville .....	37,532	8,141	4,338	3,317	147,267	907,857
Grey .....	238,588	17,763	20,642	21,413	455,579	5,563,971
Haldimand .....	70,889	6,193	5,899	8,941	216,484	1,849,133
Haliburton .....	20,211	2,132	550	577	24,723	224,964
Halton .....	45,490	2,937	5,429	5,756	147,279	1,483,859
Hastings .....	106,874	16,606	7,546	8,116	312,136	2,467,408
Huron .....	105,206	17,789	19,650	34,389	586,279	6,100,924
Kent .....	101,151	9,298	12,788	29,838	588,533	4,845,684
Lambton .....	116,214	30,244	14,215	20,535	480,725	4,719,362
Lanark .....	106,266	9,715	3,640	4,019	176,247	1,939,438
Leeds .....	46,279	8,033	2,292	4,769	185,435	1,453,825
Lennox & Addington .....	43,985	11,708	2,870	6,123	185,594	1,314,172
Lincoln .....	22,886	3,548	2,937	5,256	169,770	1,035,319
Manitoulin .....	91,711	2,325	1,348	1,225	35,200	419,767
Middlesex .....	115,855	27,475	14,535	30,463	632,626	5,859,473
Muskoka .....	36,840	1,204	469	1,415	61,171	367,875
Nipissing .....	26,032	906	855	1,297	43,247	300,096
Norfolk .....	55,441	8,139	5,897	11,197	284,698	1,900,786
Northumberland .....	71,901	12,933	6,433	6,593	296,429	2,327,470
Ontario .....	166,918	5,255	16,389	13,651	323,633	3,912,888
Oxford .....	40,059	3,262	7,318	13,991	370,588	3,563,924
Parry Sound .....	72,548	2,882	1,417	1,014	57,498	511,059
Peel .....	50,143	6,505	10,053	10,244	187,212	2,252,804
Perth .....	57,610	6,224	15,169	21,466	415,364	4,775,503
Peterborough .....	59,976	13,760	6,649	7,013	196,143	1,629,527
Prescott .....	18,252	9,398	4,401	2,710	135,081	850,260
Prince Edward .....	28,041	6,794	2,670	4,951	142,303	889,414
Rainy River & Kenora .....	7,252	1,678	796	1,027	43,788	238,511
Renfrew .....	167,154	8,825	7,732	4,525	207,304	1,901,583
Russell .....	12,771	3,140	5,160	4,680	110,827	863,894
Simcoe .....	229,431	20,134	24,676	18,475	507,074	5,424,259
Stormont .....	14,878	10,972	2,172	3,410	145,191	901,805
Sudbury .....	23,567	1,275	877	894	48,731	334,588
Thunder Bay .....	3,888	1,322	459	720	42,600	166,930
Timiskaming .....	5,753	315	339	530	29,752	163,741
Victoria .....	106,155	6,611	11,586	7,725	205,018	2,296,506
Waterloo .....	25,170	997	4,240	6,106	220,094	2,764,632
Welland .....	26,950	3,056	2,263	8,223	184,552	1,003,471
Wellington .....	156,072	4,159	17,165	13,365	340,111	5,107,108
Wentworth .....	40,129	1,163	4,562	6,207	192,189	1,608,831
York .....	119,513	7,866	14,760	18,805	372,473	3,828,626
The Province:						
1917 .....	3,719,930	439,215	389,659	480,263	12,297,155	114,740,881
1916 .....	3,380,251	557,929	408,046	586,705	12,825,164	99,159,081
1915 .....	3,333,768	674,494	416,414	545,813	12,636,370	93,762,233
1914 .....	3,370,225	744,096	425,300	586,654	12,419,164	93,017,235
1913 .....	3,647,245	699,861	389,173	497,734	11,924,615	89,651,116



## FARM PROPERTY, IMPLEMENTS AND LIVE STOCK.

TABLE XXII.—Showing by County Municipalities of Ontario the value of farm lands, buildings, implements and live stock for the year 1917, together with the totals for the Province for the past five years.

Counties and Districts.	Land.	Buildings.	Implements.	Live Stock on hand.	Total.
	\$	\$	\$	\$	\$
Algoma .....	3,592,049	1,302,507	478,982	1,189,558	6,563,096
Brant .....	10,990,963	6,060,674	1,554,750	3,927,610	22,533,997
Bruce .....	27,234,548	12,475,036	3,325,295	10,968,387	54,003,266
Carleton .....	22,477,491	8,850,536	2,830,778	7,946,853	42,105,658
Dufferin .....	11,404,163	5,747,260	1,497,493	5,122,732	23,771,648
Dundas .....	10,384,059	5,191,534	1,697,402	4,153,046	21,426,041
Durham .....	12,944,941	7,075,686	1,800,088	5,633,263	27,453,978
Elgin .....	21,200,388	10,539,894	3,018,214	7,839,488	42,597,984
Essex .....	33,274,268	12,042,711	3,623,601	7,412,644	56,353,224
Frontenac .....	10,932,355	4,874,691	1,500,712	4,312,203	21,619,961
Glengarry .....	11,123,235	5,211,454	1,537,546	3,997,115	21,869,350
Grenville .....	7,148,344	3,728,725	1,182,518	3,252,663	15,312,250
Grey .....	27,124,700	14,692,616	4,037,783	12,655,048	58,510,147
Haldimand .....	11,291,965	6,370,440	1,928,391	4,702,272	24,293,068
Haliburton .....	1,543,820	552,953	232,833	731,680	3,061,286
Halton .....	13,402,986	5,373,001	1,418,097	3,575,093	23,769,177
Hastings .....	19,330,932	8,627,819	2,842,939	7,623,419	38,425,109
Huron .....	29,718,462	15,912,848	4,063,372	13,233,696	62,928,378
Kent .....	37,408,876	14,012,505	4,335,737	9,900,741	65,657,859
Lambton .....	28,324,112	12,030,229	3,535,354	10,461,132	54,350,827
Lanark .....	12,253,371	5,124,756	1,562,426	5,516,859	24,457,412
Leeds .....	11,783,290	5,982,895	1,793,850	5,166,085	24,726,120
Lennox & Addington .....	10,141,623	5,134,922	1,604,662	4,096,972	20,978,179
Lincoln .....	19,183,961	7,175,476	1,691,708	2,730,558	30,781,703
Manitoulin .....	1,952,743	752,879	284,038	1,175,185	4,164,845
Middlesex .....	38,629,790	17,859,098	4,826,459	14,539,449	75,854,796
Muskoka .....	3,319,953	1,518,410	517,997	1,381,138	6,737,498
Nipissing .....	3,165,857	1,031,684	522,001	1,060,322	5,779,864
Norfolk .....	15,158,659	7,511,917	2,238,933	5,135,709	30,045,218
Northumberland .....	15,387,967	8,426,934	2,238,300	6,204,817	32,258,018
Ontario .....	20,942,889	10,112,237	2,577,150	8,779,674	42,411,950
Oxford .....	24,663,874	12,485,397	3,562,053	9,750,183	50,461,507
Parry Sound .....	3,359,736	1,467,239	577,505	1,771,585	7,176,065
Peel .....	15,434,395	7,716,922	1,729,261	5,392,037	30,272,615
Perth .....	23,827,433	13,163,750	3,372,970	10,650,021	51,014,174
Peterborough .....	13,235,288	5,669,571	1,496,519	4,718,563	25,119,941
Prescott .....	12,775,802	5,157,615	1,555,169	3,279,041	22,767,627
Prince Edward .....	8,208,626	4,796,884	1,559,637	3,049,428	17,614,575
Rainy River & Kenora .....	3,075,478	796,435	337,426	819,667	5,029,006
Renfrew .....	17,763,803	6,531,730	2,147,713	6,302,290	32,745,536
Russell .....	10,814,422	4,170,052	1,387,814	2,982,180	19,354,468
Simcoe .....	32,359,760	15,996,496	4,434,924	12,883,610	65,674,790
Stormont .....	8,528,008	4,261,895	1,316,294	3,543,031	17,649,228
Sudbury .....	3,665,925	1,068,074	520,758	1,047,289	6,302,046
Thunder Bay .....	4,278,895	849,787	366,736	759,962	6,255,380
Timiskaming .....	3,145,037	646,754	360,343	576,094	4,728,228
Victoria .....	14,563,760	5,692,937	1,674,725	5,757,608	27,689,030
Waterloo .....	14,836,301	7,659,856	1,929,014	5,037,533	29,462,704
Welland .....	12,256,139	5,822,303	1,644,224	3,250,817	22,973,483
Wellington .....	23,343,009	12,987,433	3,097,670	10,085,357	49,513,469
Wentworth .....	19,710,344	7,935,931	2,047,179	4,406,652	34,100,106
York .....	34,808,191	14,202,667	3,163,710	9,188,618	61,363,186
The Province:					
1917 .....	807,426,986	370,384,055	104,581,053	289,676,977	1,572,069,071
1916 .....	794,676,866	357,313,850	98,020,295	263,869,539	1,513,880,550
1915 .....	794,393,564	352,628,031	95,049,550	254,982,332	1,497,053,277
1914 .....	790,538,706	347,348,643	91,703,876	250,870,078	1,480,461,303
1913 .....	782,993,853	345,303,335	89,702,273	237,591,885	1,455,591,346





## PART II.—CHATTEL MORTGAGES.

Table showing by County Municipalities of Ontario the total number and amount of Chattel Mortgages on record and undischarged on December 31st, 1917, against (1) all occupations; (2) farmers; together with totals for the Province for the past five years.

Counties and Districts.	Chattel mortgages against all occupations.				Chattel mortgages against farmers.			
	To secure existing debt.		For future indorsation.		To secure existing debt.		For future indorsation.	
	No.	Amount.	No.	Amount.	No.	Amount.	No.	Amount.
		\$		\$		\$		\$
Algoma.....	149	108,553	1	(a)35,000	91	29,778	..	..
Brant.....	116	127,654	..	..	41	30,483	..	..
Bruce.....	187	85,103	13	6,199	115	45,801	11	3,906
Carleton.....	221	*391,278	1	15,000	34	37,566	..	..
Dufferin.....	46	27,733	1	7,500	25	10,896	..	..
Elgin.....	263	260,432	..	..	118	64,463	..	..
Essex.....	308	166,013	1	200	199	77,149	1	200
Frontenac.....	208	108,942	..	..	138	42,780	..	..
Grey.....	317	194,369	..	..	199	57,791	..	..
Haldimand.....	88	67,314	..	..	51	22,010	..	..
Haliburton.....	54	18,702	..	..	43	10,035	..	..
Halton.....	43	34,231	..	..	23	15,247	..	..
Hastings.....	370	*198,156	..	..	169	75,197	..	..
Huron.....	162	209,050	..	..	79	118,527	..	..
Kenora.....	41	140,083	..	..	7	3,264	..	..
Kent.....	341	278,131	..	..	256	133,107	..	..
Lambton.....	223	138,778	..	..	100	62,644	..	..
Lanark.....	93	73,569	..	..	50	35,225	..	..
Leeds and Grenville....	228	158,181	..	..	149	84,826	..	..
Lennox and Addington..	116	50,837	1	500	68	31,201	1	500
Lincoln.....	79	217,741	4	+104,400	44	26,725	..	..
Manitoulin.....	105	34,817	..	..	89	18,867	..	..
Middlesex.....	192	134,238	..	..	89	47,907	..	..
Muskoka.....	124	96,211	..	..	57	29,043	..	..
Nipissing.....	173	209,064	..	..	94	39,939	..	..
Norfolk.....	133	67,863	..	..	103	44,768	..	..
Northumberland & Dur..	250	282,617	..	..	135	89,569	..	..
Ontario.....	147	263,554	..	..	89	54,736	..	..
Oxford.....	169	210,816	..	..	97	110,387	..	..
Parry Sound.....	127	49,495	1	1,500	61	14,002	..	..
Peel.....	41	38,769	..	..	26	22,502	..	..
Perth.....	95	135,467	..	..	37	34,356	..	..
Peterborough.....	120	145,922	1	250	61	30,836	..	..
Prescott and Russell...	138	131,480	..	..	81	52,930	..	..
Prince Edward.....	97	68,050	..	..	66	52,846	..	..
Rainy River.....	111	75,224	..	..	67	24,901	..	..
Renfrew.....	141	104,590	..	..	74	46,100	..	..
Simcoe.....	300	612,617	..	..	176	101,028	..	..
Stormont, Dun. & Glen.	173	133,810	9	6,746	116	102,553	4	2,684
Sudbury.....	340	(b)7,281,133	..	..	196	83,467	..	..
Thunder Bay.....	138	364,809	3	4,301	57	27,911	..	..
Timiskaming.....	386	2509,684	4	98,370	188	64,210	..	..
Victoria.....	70	143,189	1	10,000	49	20,634	..	..
Waterloo.....	134	212,294	..	..	29	36,076	..	..
Welland.....	150	132,968	..	..	31	21,638	..	..
Wellington.....	127	120,767	..	..	54	41,869	..	..
Wentworth.....	235	375,953	..	..	67	47,498	..	..
York.....	1,383	19,988,358	2	6,150	77	46,413	..	..
The Province								
1917.....	9,252	24,978,609	43	296,116	4,265	2,321,701	17	7,290
1916.....	11,087	18,266,080	50	1,085,226	5,043	2,512,346	18	8,793
1915.....	12,010	12,432,780	49	699,942	5,178	2,579,303	14	4,056
1914.....	10,881	28,164,771	60	6,365,509	4,791	2,444,406	16	17,627
1913.....	10,190	32,442,616	49	8,485,788	4,831	2,279,301	16	4,012

\* Excluding 1 Consolidated Rubber Co for \$8,000,000. † Excluding 1 Consolidated Rubber Co. for \$8,000,000.  
(a) Excluding 1 Nickel Corporation for \$6,000,000. ‡ Including 43 Manufacturers for \$8,587,825.  
(b) Including 19 mines for \$7,011,192. § Excluding a Pulp and Paper Co. for \$2,500,000 (trust indentures)











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